

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [14287] ***FOX Getting close***
Message-ID: <Pine.SUN.3.90.970310130631.19494C-100000@vortex.sage.dri.edu>

Here it is Monday.....Tomorrow night will be the FOX from
here in Nevada.....7043 plus or minus QRM. 0200-0400z.

That's Tuesday night at 1800 to 2000 PST.

Or Wed night at 0200z to 0400z.....GMT date/time

Bribrey.....

OK, I'm open to bribery.....I'll put K5F0 in the log for
a price.....Lets hear the bids from TX and CA to see which
state we should log it as..... :-)

I will try to stay out in the open to give everyone a good
chance!

cu there.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bensondj@aol.com
Subject: [14228] 10 meter kit
Message-ID: <970310070851_1216804130@emout15.mail.aol.com>

Hi Tom and company-

>>Hi Fellow QRPers, wondering if any of the kit suppliers have a rig for
>>10m cw. I would by one in a flash if they we available. 15 meters would
>>be great also. Need something small for backpacking cuz the old Argo is a
>>lil on the heavy side! Thanks and 72, Tom WB5QYT QRP-L 640 and scQRPion 22

I should have a 10M version of the GM-series available in a couple of weeks.
It's a board- only kit presently but I can supply info on a compact
extrusion enclosure to go with it. Output power on 10M should be 1.5W. Let
me know if you'd like further information.

I'll post further to QRP-L when it's ready to roll. :-)

73, Dave Benson, NN1G

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Jess Gypin <jessqrp@concentric.net>

Subject: [14231] 38 Special is alive....

Message-ID: <33240BAE.5B9E@concentric.net>

Hi all,

I spent a little time this weekend finishing up the 38S. I am happy to report that even with installing the 5 watt mod and the TiCK mod, there was no smoke the the radio came to life on power up. When first powered up, I heard the dit dit of the TiCK chip, so I knew that I had a chance! I pushed the button on the TiCK keyer again to make sure I heard what I heard, and yes, I did hear the TiCK chip!

I moved the tuning pot aroound and even heard some signals! I did take the time to hook up the tuner and make sure that the antenna was tuned for perfect match with another rig first. I listended around, found a good signal and peaked up TC1. The first thing that I noticed was that the receive signals were down pretty far. Thought it might be the headphones, so I swapped them for another set and same thing. I tried, the RS Comm headset, a pair of Sony ear buds, another pair of generics and the WGA headset (the best I have) and all had the same result. I can hear receiver hiss with the pot up all the way, but the signals sound kind of muffled or muted.

On to tune up. Kicked the TiCK into tune mode on the dummy load, very touchy. 4.5 watts of clean output, if I get even just a bit off, I get a harsh note out. Hooked it up to the antenna and same deal, except that when TC2 is not adjusted right, I get all kinds of reflected power from the junk. Tweaked it a bit and get just about 4.5-5 watts out and sounded good. I did not sum the sidetones, just using the sidetone from the TiCK, figured I would not complicate things. I did notice that the TiCK chip sidetone is kinda raspy, but I can live with it.

So heres the questions (you knew that was coming!):

1. Why is the TiCK side tone when in programming mode so much lower than the regular sidetone from the chip when transmitting? The programming tones have to be less than half the volume. Yes I did play with the value of R 17? and it made not difference in the sidetone volume. (My first clue?).

2. I wonder if the receiver is giving me all it should be. I can hear stuff and get white noise and hiss and yes the noise goes up when that antenna is attached, but it still seems kinda muted or deaf according to

the other reports that I have heard. I did jump R 24 and the audio out did increase a little, but not by much.

3. Thump thump. Yes mine does thump a LOT. I would like to kill some of this, but the receiver is the first order of business.

I wound most of the coils with what I thought was #26 wire and L 1 with what appeared to be #24, all junk box wire as the kit I got was missing the wire. I am using a 5K linear taper pot for the AF gain and a 100K linear for the tuning. My tuning range is about 10.102 to 10.120. Not too bad for a start.

Great kit and stupendous effort by Norcal. I was only missing a few minor parts and I had to get others for the other mods anyway. I am happy that the rig fired on the get go and look forward to some help getting the receiver peaked up.

Best

Jess NOTFI

<http://www.concentric.net/~jessqrp>

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Richard Sherman <srichard@aldus.northnet.org>

Subject: [14189] 38 Special Questions

Message-ID: <3.0.16.19970310005358.09dfd3cc@aldus.northnet.org>

Hi All,

I'm slowly getting my 38S put together. I ran across one question that I'm unable to find the answer for. The first step I did, (I skipped the toroids for now) was install X2 and X3. Looking at the board (not the instructions) I decided I'd better hold the crystals a bit above the board so the case doesn't short against the plated thru holes. After soldering them in, I read the rest of the directions, that is, grounding the case of the crystal. When I looked at the board, there appears to be a couple of pads on the top of the board which are connected to the ground plane. Should I have put the crystal tight to the board and soldered the case to those pads or now should I just use the pads and short pieces of resistor lead to ground the cases?

I also found a tin in the local drug store that I wanted to use for the case for the 38S. When I saw the tin said "Ferry and Morse Seed Co.", I knew it had to hold a QRP rig of some sort. I found the 38S board will just barely fit into the tin with perhaps 1/8" to spare at the top. I don't want to cut up the lid to get it to fit around the mounting screws. Any suggestions about how to mount a board diagonally in the box and have it sturdy. Or should I just find another box for the 38S?

Thanks in advance.

Vy 72 de Rick WZ2T NNY
srichard@northnet.org

Cross country skiing is great if you live in a small country.
---Steven Wright---

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [14204] 38S 5W mod question.
Message-ID: <Pine.SUN.3.96.970309203105.8117B-100000@ume>

Well, I figured out how why the tick was not keying...it was a bad 2n2222.
(Thanks to Jim Bennet, W6JHB for the tip)
Fixed that and it was just fine. Connected the RIT wires up right and
that works great too. Adjusted R24 and R17 to the audio level and hiss of
my liking. So far, so good.....

Then put in L101 but FORGOT to cut the trace. Very warm transistor with
not output. Cut trace, new 511, still no output. Suggestions as to what I
fried? I suspect U4 did not like 12volts. Any other parts not happy with
this arrangement that I should look at?

NA5N voltage chart suggests U4 should have 3.6 volts at pin 12, 14, 16,
18.....I am now getting 8 volts. No consistent measureable AC output as
well and something like 140 mv DC with my homebrew RF probe and Fluke 77.
Comments appreciated.....anybody else do this already? ;-)

Please, tell me that this HC240 chip is easy to get at the local parts
store!

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brandon (AC40U)" <ac4ou@mail2.wilmington.net>
Subject: [14191] 38S Case suggestions.....
Message-ID: <199703100114.UAA26039@mail2.wilmington.net>

If you have a 38S please post any suggestions for cases.

Thanks,

Brandon AC40U

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: HIMES@idic11.idi.oclc.org
Subject: [14249] 38S construction - general
Message-ID: <01IGC3PHRE0IAIM7QT@idic11.idi.oclc.org>

Mechanical:

For my 38S, I used the RS "Instrument/Modem" project case. Don't know the RS p/n but most RS stores have them. It leaves about .75 inches at each side of the pcb, & about an inch at front and back. It's tight but I got a 2.75 inch speaker and an LM386 audio amp pcb in there too.
Be careful to use something to insulate the various hardware pieces in there!

It's plastic; front and back panels that sit in vertical rails between the top and bottom pieces. I didn't spend enough time optimizing the control placements, so I have a less-than-optimal panel layout. BUT! I'm gonna make new panels out of blank pcb or some other material, since new ones can just slide right into place in the rails.

Electrical:

Worked right away (had bad 22.1184 crystal, now replaced).
I accidentally put 4 turns on one side of the transformer and it worked ok anyway. I later rewound it correctly.
Tuning range is 10.093 to 10.118 (no RIT)
Tick keyer works great but thumps/clicks like crazy. Must fix that!
No Power mod yet. Want to see what I can do with 250 mW.
Them that hear me, thanks for listening carefully!

Excellent work, NORCAL and everyone else!

Marty WB8FNH Columbus OH 38S CQRP

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>
Subject: [14193] 38s On Air Test #1
Message-ID: <3.0.32.19970310015111.0071e74c@mailhost.primenet.com>

Managed to get on 30m today with the new 38s and made my first "official" 2-way QSO with KD7S (Bill) who was also running a 38s... What a way to start! I was running the CMOS SuperKeyer III with the TiCK in SK mode, but otherwise 100% 38s and headphones.

Here is my log from the first short session on air:
KD7S Bill CA *ALSO USING 38s*
W0KFL Ron St Louis, MO
W7VPK Gale Fallon, NV
KD7S Bill CA (again, he had ant probs earlier)
AB2CY Dave Fairport NY

There were lots of signals on the air, but had to go QRT.
Rig can still be viewed: <http://www.qsl.net/ke7gh/qrp.htm>
What a *FUN* little rig/kit!

Brian #2 ke7gh@qsl.net QRP-L #1031 NC38s APRS 30m QRP Test #1

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bill Myers <bjmyers@arc.net>
Subject: [14207] Antenna Question
Message-ID: <1.5.4.16.19970309221310.2057f04c@mail.arc.net>

Got a question, actually a couple...

Kite Flyers...

How big of a kite are you using to hold up the longwires, and how long are the wires you're using. I'm thinking of getting a larger box kite for QRPTTF and laying out 30 and/or 40 meters of 14 ga stranded wire for my radiator. SUGGETIONS or IDEAS!

Antenna experts...

I also plan to take my slightly modified SLV. I plan to work at the waters edge in Gulf Breeze, at the picnic table where they have all the UFO sightings there. Instead of all the ground radials, can I just send 50 feet or so of older wire oput into the salt water for the counterpoise. Or maybe mount the antenna on a raft and let it float around on the water. Again, suggestions or ideas!!

Thanks in advance

72/73's

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bjmyers@arc.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [14247] B-Nut Question/B-Nut Success
Message-ID: <199703101608.LAA28088@nss2.CC.Lehigh.EDU>

This is a multi-part message in MIME format.

-----=_NextPart_000_01BC2D43.A20DBF80
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Gang,

I finally found a used HF-6V, and at \$50 no less. And it has the 17/12 kit. I initially have ground mounted it with 20 radials until I can finish the tilt over mast that will be its final resting place. So far it tunes about 30kHz of 80M, indicative of a very good ground system, most of 40, all of 30, 17, 12 and at least the low end of 10. It seems to work as well on 40m as the elevated 1/4 wave HB I took down. I used an MFJ analyzer at the antenna to accomplish tuning.

Now for the troubles.

* it does not tune 20M anywhere with good SWR. Best I could do was about 4:1. Something is very wrong. There is a resonance point at about 15.5MHz but I could not move that point to 14MHz.

* I plan on using the twinlead counterpoise scheme after the antenna is elevated. I see that B-Nut has a kit for this, at \$80. What EXACTLY is in this kit, gold plated connectors? Are the radials prepped for hanging in the air? Reinforced? Is a special connection point to the antenna included to handle the stress? Is the kit worth the money?

I suppose I could make my own and thread some planar board line through the

twin lead making a combination counterpoise/guy line. (aka counterguy?)

Intersting results:

* I worked a guy in FL on the G5RV on 14.060 after tuning up the B-Nut antenna. He was S-8 on the Bnut, S-8 on the G5RV and S6-7 on the Xbeam. Hmm...

* the tables turned two hours later when I tried to contact a G3. He was S7 on the Bnut and Beam and in the mud on the G5RV.

This is sure fun!

72, Mark N2VPK

Member of the Buffalo QRP Connection

-----=_NextPart_000_01BC2D43.A20DBF80

Content-Type: text/html; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

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<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D2 =
color=3D"#000000" face=3D"Arial"><br>Hi Gang,<br><br>I finally found a =
used HF-6V, and at $50 no less. And it has the 17/12 kit. I initially =
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&nbsp;&nbsp;&nbsp;<br><br>72, Mark &nbsp;&nbsp;&N2VPK<br>Member of the Buffalo QRP =
Connection</p>
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</font></body></html>
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-----=_NextPart_000_01BC2D43.A20DBF80--

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [14210] Back Issues/Old Quarterlies Needed
Message-ID: <Pine.BSI.3.93.970309231949.20906B-100000@u1.abs.net>

I have enclosed the current list of QRP Quarterly issues needed by the Maryland Milliwatt Club QRP Reference Library, (301)572-6789.

They may be sent to directly to The Maryland Milliwatt Library, C/O
G. Danny Gingell, K3TKS 3052 Fairland Road, Silver Spring, MD 20904-7117.

You may also call and discuss any other QRP or Amateur Radio publications that you would like to donate to our cause. Call my Answering machine at (301)572-6789 or E-mail K3TKS@abs.net

Extra copies are needed for The Maryland Milliwatt QRP Reference Library, to replace worn or missing issues.
The goal is to have three complete sets for the Eastern Region.

HERE IS WHAT WE NEED:

1986-#1 = 0 Copies	1990-#1 = 3 Copies	1994-#1 = 0 Copies
1986-#2 = 0 Copies	1990-#2 = 3 Copies	1994-#2 = 0 Copies
1986-#3 = 2 Copies	1990-#3 = 0 Copies	1994-#3 = 0 Copies
	1990-#4 = 2 Copies	1994-#4 = 0 Copies
-----	-----	-----
1987-#1 = 2 Copies	1991-#1 = 2 Copies	1995-#1 = 0 Copies
1987-#2 = 2 Copies	1991-#2 = 3 Copies	1995-#2 = 0 Copies
1987-#3 = 2 Copies	1991-#3 = 1 Copies	1995-#3 = 0 Copies
1987-#4 = 1 Copies	1991-#4 = 0 Copies	1995-#4 = 0 Copies
-----	-----	-----
1988-#1 = 0 Copies	1992-#1 = 0 Copies	1996-#1 = 0 Copies
1988-#2 = 1 Copies	1992-#2 = 1 Copies	1996-#2 = 0 Copies
1988-#3 = 2 Copies	1992-#3 = 0 Copies	1996-#3 = 0 Copies
1988-#4 = 0 Copies	1992-#4 = 3 Copies	1996-#4 = 0 Copies
-----	-----	-----
1989-#1 = 2 Copies	1993-#1 = 0 Copies	1997-#1 = 0 Copies
1989-#2 = 0 Copies	1993-#2 = 0 Copies	1997-#2 = 3 Copies
1989-#3 = 0 Copies	1993-#3 = 0 Copies	1997-#3 = 3 Copies
1989-#4 = 0 Copies	1993-#4 = 0 Copies	1997-#4 = 3 Copies
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Also needed any issues of the QRP Quarterly before 1986. We also

accept donations of any other QRP Publications, Newsletters or related materials.

Please Contact G. Danny Gingell, K3TKS@abs.net or (301)572-6789

Your assistance is greatly appreciated by the members of the Maryland Milliwatt Club and The QRP Reference Library.

We are hoping to expand our services when this project is completed.

A Special Thanks to all those who have helped so far this year.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [14221] Battery Identification Help
Message-ID: <199703100612.WAA03634@sierra.psnw.com>

Hello Friends,

Last week the city government I work for changed out some batteries used in a giant UPS for our mainframe computer. They were replaced not because they were no good, but rather because it was "time." Well, I managed to bring four of these monsters home and now would really like to know what I have. I checked them and they all show 12.8 volts on the button. They are labeled as follows:

Dynasty by Johnson Controls
UPS12-300
12 volt sealed rechareable battery

They measure 13" by 6 3/4" by 8 1/2" and weigh about 75 lbs each. Is it possible that I have some 300 AH gel cells? To be sure, these ain't no backpackin' batteries.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "duane" <duane@flinet.com>
Subject: [14197] bell & howell Oscilloscope
Message-ID: <199703100223.VAA05942@shell.flinet.com>

I have come across a Bell & Howell Oscilloscope , It's bandwidth is 5MHZ
it's a solidstate, triggered oscilloscope. all 3 P.C. boards have numbers
85-xxxx-x

x= other numbers. anyone know where or how I could get a manual for this,
the scope crt does not light up, it appears to have been well kept and I
don't think theres much wrong with it. The last guy that had it said it
worked but the crt just went blank and the trace faded away. any help
locating a manual model number or other information would sure help me.

thanks

Duane AB4BE
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "duane" <duane@flinet.com>
Subject: [14224] bell & howell oscilloscope
Message-ID: <199703100812.DAA26328@shell.flinet.com>

I have come across a Bell & Howell School Oscilloscope , It's bandwidth is
5MHZ

it's a solidstate, triggered oscilloscope. all 3 P.C. boards have numbers
85-14xx-x

x= other numbers. anyone know where or how I could get a manual for this,
the scope crt does not light up, it appears to have been well kept and I
don't think theres much wrong with it. The last guy that had it said it
worked but the the trace faded away. any help
locating a manual & model number or other information would sure help me.

sorry for the reposting of my message but I updated the circuit boards
parts number to help ID the scope.

thanks

Duane AB4BE
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Dave Edson <edson@lisco.com>
Subject: [14213] Best first QRP rig
Message-ID: <3323940A.4B4E@lisco.com>

I have been considering the EmTech NW40, NorCal 40A, and the Sierra.
I'd appreciate any comments on these. The 40 meter crystals are on back
order for the Sierra until early April, so I'm ready to order the NW40
or NC40a to get started. I suspect that eventually getting more than one
QRP rig is more the norm!

73 es 72,
David AA0PF

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Brian Cieslak <brianc@ams-i.com>
Subject: [14236] BOPP
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_1-970310140457Z-266@ams-i-server-1.ams-i.com>

If hale bopp is still up in the morning sky..what was it I saw in the
evening sky to the northwest just after sunset last night?

Brian AE9K

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [14256] Chuck's free pizza offer es fox hunt tactics
Message-ID: <199703101809.MAA12914@multi13.netcomi.com>

Chuck thought that the offer of free pizza on Tuesday night would be a good
way of flushing the fox hunters out of the brush so they would forget about
the fox that night. Nice try, Chuck.

Nothing is ever free in life. All those wishing to partake must first
catch KU7Y. No pizza will be served without a confirmed fox QSO. Please
bring your log to the restaurant.

Ron, please start with the inverted vee. Being big and ugly hungry fox

hunters, we will be in a hurry to work you. We'll try for a 70 QSO per hour rate.

Is there anyone coming to the pizzafest Tuesday who can bring a 40 meter rig and good portable antenna? Just in case anyone arrives without working the fox, we could give them the opportunity on-site. In fact, proper protocol requires that the visiting dignitaries work the fox, portable 6. Such sweet irony.

BTW, our California spy network has gleaned some information about Chuck's super secret project. It seems that there has been a lot of e-mail traffic between Dallas TX and the scientists who successfully cloned a sheep. Could there be an increase in the number of Texas foxhunters in the works? Or perhaps Chuck is just tired of all that travel.

72/73 34499 22978 42664 22994 33892 44322 44833 55298 44897 44328 44992
10.145 44839 55822 98992 es 43438

Bogie 1

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [14286] consider yourself got!
Message-ID: <199703102108.PAA28974@vob005.spd.dsccc.com>

Preston wrote (pd>)
pd>
pd> Oh, I know I will get it for this one, but it's,
pd> "I used to" ;
pd> not,
pd> "I use to."
pd> It is bad enough when bad grammar gets posted once...
pd>

Preston,
I have seen the grammar wars.
Been there!
Seen that!
Please, one can find grammar/spelling/syntax errors in almost every message. We know they are there. Please, pretend it is a dead horse and refrain from whipping it.

Now back to your regularly scheduled program....

Regards,

Charles Cashion W5ISZ ccashion@spd.dsccc.com

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: mvjfm@mvubr.mv.lucent.com (James M Fitton +1 508 960 2577)
Subject: [14235] Crystal grinding
Message-ID: <199703101416.JAA16918@alig1.firewall.lucent.com>

A friend passes along this tip to grind crystals

on a sheet of glass :

He says when using a picture of his ex-wife,

less abrasive is required,

and the frequency goes down instead of up.

(Call whthheld)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: aa7uf@juno.com (Gerald L Marsh)
Subject: [14199] Dump CW "testing"
Message-ID: <19970309.184558.10214.0.AA7UF@juno.com>

In an earlier post, I suggested perhaps we should do away with CW testing and replace it simple proof of CW contacts. Some of the argument and reaction was:

>>Which is harder - to fake one exam with three VE's, or to fake 20 or 30
>>CW contacts with different operators (which by the way you could
confirm
>>or deny after the fact in their logs)?

>Except the FCC no longer requires logs, except for third party
>traffic. The logging requirement went out some time ago. I still
>keep a log, personally, though -- it seems to be the smart thing to
>do.

I don't know of any hams that QSL without having it in a log. I don't.

Perhaps that could be a requirement for sending a QSL - that you have it in your log. It could be endanger your license if you QSL without having made the contact.

Again, if I wanted to be fraudulent, would it be harder to convince 3 VEs, all in one place, or 20 or 30 strangers spread all over the world to fake it and keep a secret?

>The only drawback I see to your idea, and I hope it's one that can >be solved, is the speed aspect -- or are you indicating speed isn't >important anymore? Just good operating? I'm inclined to agree ...

What's more important here - testing for a certain speed or ACTUALLY USING CW on the air in a productive way? The fact that you got a QSL says you operated well enough to communicate and that's important.

>Yes I agree.... We should go back to the way it was 20 plus years ago.
>A new Ham should be a Novice and go back to CW only, one year! This
>way when the ham wants to upgrade he/she will be ready, will continue to
>work CW and may even pick up a mic? Also no renewed Novice, upgrade or
>lose the ticket. This crap when they changed it Tech-no code, these are
>the people that want
>something for nothing, if they want HF freq.(with no or little code)
>they can go to 27 Mhz. and use all the HF they want. The computer
>training.. another good one. I hear on our local 2 meter repeaters,
>"Extras" that dont know what an "IF" is and the person he was talking to
>was an Advanced wondering why
>his signal was so bad into the repeater(he was runing over 100 watts).
>I think what we have are people that have just memorized answers to both
>the written and Cw test, they can take the test every week now. We had
>to wait one month.

I'm not particularly in favor of turning back the clock to 20 years ago, or making todays hams do it "just like I had to".

I think the fundamental question is: Is there more to ham radio than passing some theory tests (all too often rote memorized), and CW tests?

Part 97.1, in part says the purpose of Ham Radio is:

"(c) Encouragement and improvement of the amateur radio service through rules which provide for advancing skills in both the communication and technical phases of the art.

(d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts."

Certainly involvement in QRP - especially kit and antenna building and

all
of the other information exchanges that go on here help in these two
aspects
of the purpose of Ham Radio.

Is there a way to fold all of this into the licensing upgrade process and
test more that "theory" and "CW"?

Perhaps we could build a point system where a Ham needed a certain number
of points in a certain number of areas to advance in licensing. A
"Master"
level license would have acquired a large number of points in a large
number
of diverse areas.

In addition to points for passing theory tests and acquiring CW contacts,

points in a number of other areas - building a QRP radio kit, building a
homebrew antenna, being the net operator on a net, writing technical
articles for a club paper or making a technical presentation at a club
meeting, providing hours of ARES work, making QRP contacts, making
digital
contacts, and on and on and on.

The possible point list could be quite exhaustive and would certainly
involve locals clubs. So what if an operator fakes one or two. Require
enough points so it isn't a big deal. The key here is INVOLVEMENT in
Ham Radio, not just tests.

AA7UF
Jerry Marsh

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: BERGESON@PPCC.CCCOES.EDU
Subject: [14260] For Sale/Sold
Message-ID: <01IGC3IHWQWY9S419R@PPCC.CCCOES.EDU>

The INDEX LABS QRP+ transceiver that I listed for sale last week has
been sold. Many thanks for your inquiries.

72 & 73, Hal Bergeson, W0MXY Colorado Springs, CO

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Brad Mugleston <bmug@gw1.com>
Subject: [14293] FOX Tonight
Message-ID: <01BC2D5D.53DE0940@pps-pc10.gw1.com>

Don't Forget - Tonight 0200 to 0400Z on or about 7.112MHz!!!

Thanks, and have fun.

de KB0ROL, Brad

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: schell@radonc.medinfo.rochester.edu (Michael C. Schell)
Subject: [14246] FS: Argosy II in near mint condition
Message-ID: <v01540b08af49d29a7fd7@[128.151.18.51]>

Hello and thank you for reading this message. I have a TenTec Argosy II transceiver in near mint condition. It has a very small scratch on the top cover, otherwise pristine. I am the original owner, a non-smoker and the unit has always been the base transcvr - no mobile. Have the original box and manual. I am interested in selling the unit for the best possible offer. Please send your e-mail directly to schell@radonc.medinfo.rochester.edu. Thank you and 73's Mike KF2LF

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: cc013@ccosmo.net (Cosmo Computers)
Subject: [14219] FS: Ramsey QRP-20 Xmitter
Message-ID: <19970310055704330.AAA123@rt2-26.globalpac.com>

For Sale:

Brand New never built Ramsey VX0 20 meter CW transmitter QRP-20
new was \$29.95.... \$20.00 including shipping or ???
73, Lee cc013@ccosmo.net

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Ray, Radi,0." <radioray@verinet.com>
Subject: [14192] FS: Spy Radio //PRC-64
Message-ID: <199703100111.SAA11599@moss.verinet.com>

I have for sale my PRC-64, HF spy radio. It is fully operational and crystalized for 3686 / 80 meters and for 5975 BBC receive. This is one of those sets that if you don't know what it is, it's not worth much to you. If you DO know what it is, you have probably been looking for one.

Price: \$300.00

With canvas

2x earphones

antenna kit (not original, but made from MIL components.)

manual copy.

I has some people who were interested, but I LOST their e-mail addresses.

>Ray

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: AlK0FRP@aol.com

Subject: [14273] FS:QRP+ and 40A

Message-ID: <970310145534_-1740581572@emout18.mail.aol.com>

I agreed to put this ad up for Paul Taylor WB2GIN.

He has a QRP+ , FS for \$500 and a Norcal 40A professionally aligned for \$129.

Reply to: ptay1@nyct.net

TU 72 AL K0FRP

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Bill Myers <bjmyers@arc.net>

Subject: [14208] Ft. Walton Beach Hamfest QRP Gathering

Message-ID: <1.5.4.16.19970309221312.2057e9e4@mail.arc.net>

For those planning to come to the Playground Amateur Radio Hamfest in Ft. Walton Beach this weekend (Mar. 15/16) I have reserved a meeting area for Saturday (15th) at 2 PM. There will probably NOT be a formal presentation but there will be many of the local QRP'ers. The hamfest also has a

homebrew and straight key contest on Sat.

If you have any questions, drop me a line.

Maps to get to the hamfest site can be found at <http://www.nfds.net/~swapfest>

72/73

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bjmyers@arc.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: PDouglas12@aol.com
Subject: [14291] glass houses
Message-ID: <970310163305_-1104369512@emout19.mail.aol.com>

OK OK, so I spelled "category" wrong. That's a spelling error, not a grammatical error. Everyone know grammatical errors are much worse. :-)

Serves me right. I meant to comment on QRP philosophies anyway.

Write me here in glass house where I have my pile of stones. But leave it off the list, as I never meant to start a Liliputian war over grammar. Or spelling.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bill Jones <kd7s@psnw.com>
Subject: [14255] Got info on mystery batteries
Message-ID: <33244C7E.75F6@psnw.com>

Thank you to those who were able to give me some insight on the mystery batteries I scrounged. I checked with a large battery distributor and

found the UPS12-300 batteries are rated at 88 AH at an 8-hour discharge rate. Should be enough capacity to keep my 38 Special running for a while...especially since I have four of them. Now all I have to do is figure out how to move them into my shack. Man! These things are h-e-a-v-y.

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Peter_Simpson@3mail.3com.com
Subject: [14230] HAARP Test -- the *real* achievement!
Message-ID: <85256456.004858B4.00@hqoutbound.ops.3com.com>

Yeah, yeah, I know, it's not QRP, but I think the real winners are the hams who managed to convince their employers to let them attach a CW keyer to what must be the biggest QRO rig ever! You have to admire guys who manage to pull off something like that!

Peter, KA1AXY

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Paul Cereste <cereste@myapc.com>
Subject: [14258] Hamstick
Message-ID: <s32408ed.031@myapc.com>

Joe,

I saw ur post on QRP-L regarding the Hamstick on 40 M. I've been experimenting with a 40 M Hamstick too. I have had a few QSOs, but not what I'd term wild success.

Ur 19 radials, were they 33 ft long, or what? What angle did they form with the vertical element, 90 degrees, or....? Did u use a capacitor between the coax center conductor and the radials (per the instruction sheet) ? If u did, what was its value and type? What size whip did u need to resonate?

I've been using a Hamstick mounted on a steel plate with a Rat Shaft threaded adaptor and a single 33' counterpoise. I

have a 560 pf silver mica (1000V) between the feedpoint and the counterpoise. My swr is over 3:1. I haven't done any trimming yet, because I'm thinking of going mobile instead of portable. (then I'll need to figure out how to get a match with a 1980 Volvo counterpoise.)

Paul K1CGZ

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: tahrens1@juno.com
Subject: [14212] Helically wound SLV? (a tad long)
Message-ID: <19970309.223218.4887.1.tahrens1@juno.com>

Next month my daughter's 6th grade class is going to Big Bend camping & hiking. Soooo, dad is gonna go too.. gotta take the Sierra & have some fun! What about an antenna?

Well, I'm not sure if there will be trees where we will be, so I figured I'd make one of the SLV vertical types & try it out... I looked all over Austin, and can't find one of the SD-20s... guess you don't need a pole like that to catch catfish & perch!! However, at the local wally-world, I did happen onto a 13' pole called a Black Widow. At \$11.95, I figured I'd play with it a while.

Since the vertical dimension wasn't the same as the SLV, I also figured that maybe I'd make a 'real' loading coil at the bottom & feed with rg-58 & a tuner.

One main point that I forgot is that it needs to work for 80 meters! The XYL (KA5K0A) has one of the 'real' tech+ licenses... she went through the FCC office & code intimidation quite a while ago! Anyhow, she expressed interest in trying her hand at code & keeping a schedule while we were gone. Oh, Boy, I couldn't pass that one up! But, at night, when I could do the sched, I think the only reasonable band will be 80 meters for the path length.

Back to the coil winding party... I got about 40uH wound on a toroid, & then it seemed to tune up pretty good with the old homebrew or MFJ 940B. Could hear

good signals, but nobody heard me.. even with the
Wis QSO Party going on, nobody returned my call. Oh,
well, let's short out the coil, and load up on 40.
Oh, BTW, I did add another 4' chunk of 3/4" PVC pipe
to get the height at 17 feet. Well, it loaded up on
40 pretty good too, but again, nobody would answer me.
Called a lot of pretty loud cq'ers, but to no avail.

-enter idea-

Had done some playing with helically wound things back
in the old AF back in '77, hmmm, maybe I should try it
here. I wound #24 gauge wire around the old black widow,
and it equaled to about 45 feet worth of straight length.
I hooked up the 3 radials (60' each), and the MFJ SWR
analyzer, and it was resonant about 8.4 MHz. As I speak,
I am winding #28 gauge wire around the pole, and will
check it's resonance point a bit later. However, even
if it is good, and seems to work, it's really not
feasible to sit for 30 minutes wrapping a rod!

Anybody have any suggestions?

Thanks!

Tim W5FN

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: elly@epix.net
Subject: [14216] Home Brewed Texas Bug Catcher
Message-ID: <Pine.SOL.3.94.970310005104.17028A-100000@peach.epix.net>

Someone had a post about a home brewed bug catcher. Would appreciate if
anyone could give me some info about it.

Hank K3PM

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: PDouglas12@aol.com
Subject: [14279] I used to be a qrper....
Message-ID: <970310153926_-1472916563@emout01.mail.aol.com>

Gang,

Oh, I know I will get it for this one, but it's, "I used to" ; not, "I use to." It is bad enough when bad grammar gets posted once, but when it is in a subject line, everyone is forced to read it over and over!

I agree that the QRP'er who claims to be in a different category because he uses commercial equipment is missing the point. Ham radio has lots of activities. The different areas are in competition for our time/attention, but we aren't in competition with each other except during contests or perhaps when there is a rare DX on the air. For the past several years, low sunspot numbers have made the bands rather empty, so there has been room for all, except during contests (or on 7040!). Some QRP'ers just like the low power operating. Some like building little rigs and operating them. Why create distinctions? Next, we'll have wars over which end of a boiled egg we open.

72,

Preston WJ2V

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Stephen C. Brandt" <STEVE-WB6VVS@worldnet.att.net>
Subject: [14282] Icom Ic706 mods
Message-ID: <19970310205318.AAA16522@LOCALNAME>

To All Who Might Be Interested In IC706 Mods,

1. call up www.qsl.net
2. click on "index of homepages"
3. click on KE7GH
4. enjoy - very interesting.

I was unable to bring up www.qsl.net/ke7gh/qrp.html

73,

Steve N7VS

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: ericvia@why.net (Eric Via)

Subject: [14190] It IS QRP related!

Message-ID: <v01520d01ad65b71b425b@[207.211.121.210]>

The Sex Life of an Electron

One night when his charge was pretty high, Micro Farad decided to get a cute little coil to let him discharge. He picked up Millie Amp and took her for a ride on his megacycle. They rode across the Wheatstone Bridge, around the sine wave, and into a magnetic field next to a flowing current.

Micro Farad, attracted by Millie Amp's characteristic curve, soon had her field fully excited and he couldn't resistor. He laid her on the ground potential, raised her frequency, lowered her resistance, and pulled out his high voltage probe. He inserted it in parallel and began to short circuit her shunt.

Fully excited, Millie Amp cried, "Mho, Mho. Give me Mho!"

"Ohmigod, this is good," shouted Micro. With his tube at maximum output and her coil vibrating from current flow, her shunt soon reached maximum heat.

The excess heat had gotten her shunt pretty hot and Micro's capacitance was rapidly discharging, ... draining off every electron. They fluxed all night, trying various connections and sockets until Micro's bar magnet had lost all of it's field strength.

Afterward, Millie tried self-inductance and damaged her solenoid. But it didn't phasor. With his battery fully discharged, Micro Farad was unable to excite his transformer. So they ended up by reversing polarity, and blowing each other's fuses.

Father, Husband, Writer, Pro-Choice, Anti-More-Gun-Control,
Ham Op (AD4SS), Beer-maker, Mercedes lover, Spelunker,
South Carolinian, Mac-head, dog-lover, clown, EX-smoker,
Libertarian, Dreamer,

My Page: <http://www.why.net/users/ericvia/pershome.html>

My Mercedes Benz page: <http://www.why.net/users/ericvia/ericmb.html>

Subscribe to ELECTRIC BACON ezine (free) - ask for details!

-----oOo-----

"What country can preserve its liberties, if its rulers are not warned from time to time that this people preserve the spirit of resistance? Let them take arms." - Thomas Jefferson

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [14239] KnightLite summary for March 09
Message-ID: <199703101358.IAA06596@alaska.magpage.com>

Hey Gang, I got lucky!

Conditions here in Delaware were quiet and unusually good for most of the evening. Thunderstorms from near Detroit to KY raised a little havoc for ops in those areas but the East coast saw some mighty fine enhancements about half way through the evening. Gary-N3GO was 579-589 with his 75 milliwatts and Danny-K3ETS was over S-9, one of the strongest signals of the evening with 999 milliwatts. The band ended just about the time we did and did not hear any signals beyond the Mississippi River. There were 2 stations near the end that got covered by an increase in noise level here and without a QSP, QNF seemed in order at 10:45 PM EST.

Thanks to all for the good time and next month I'll probably go with the AK-1 keyer unless you'all liked the old plastic bug :) (comments welcome)

```
=====
CALL      S/P  Name      Sent   Rcv'd   Comments (started @ 9:30 EST)
AA4XX     NC   Paul      599    599     Enjoyed Charlotte fest
WA1QVM    MA   Joel      589                    Wrk'd Wis QSO party, 5W
                                big dipole Concord, MA
N4JS      NJ   John      579    599     Mighty HALF WATT, Clean and strong
N5BIK     NC   Gary      569    569     Gastonia 4W
K4WZ      GA   Ron       449    439     Atlanta
WJ4P      SC   Randy     569    559     QSB, band changing started here
WB0CLD    MO   Bill      459    459     FT-301 5W QSB peak of 579 in DE
K2SJB     NY   Dave      579    449     89er 1.5 W peaked S-8 great sig
AE4IC     NC   Bob       579    569     2 Wts Sierra
W4DON     NC   Don       599    599     Statesville 2W, vy strong
```

KR0I?? never did get this call correct and didn't catch a reply, sri.

KC4MHM	FL	Ed	589	589	Tallahassee 4W, Tks for 2nd wk ck-in
KF2PH	NY	Nick	599	599	Great 2W sig from Long Is.
N3GO	NC	Gary	57-89	579	75 milliwatts, incredible sig here
K3TKS	MD	Danny	599	599	Big band peak again, 999mw & loop
VE3VAW	ON	Brian	58-99	579	was only 559 at sign-in Yea QSB!
N2TNN	NJ	Dean	589	579	2W No Murphy tonight :)
N2VGK					559 at check-in
WA8LCZ	MI	Byron	449typ	429	Strms/QRN, peaked 579 at end 5W TS-450 + Gap Vert.
K4GN	GA	Jim	559	559	Atlanta, 5W, Band shifting quickly.

Every sig was checked on both the 410' Zepp and the dipole....not much difference all night. Rig FT-840 at 4.5 watts at the coax after switches.

TKS Again, Jim K3QIO Wilmington, Delaware

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
 From: JEVERHART@cayman.vf.mmc.com
 Subject: [14259] More Rainbows winging on their way
 Message-ID: <970310132443.20628e71@cayman.vf.mmc.com>

Gang,

In spite of a trip to ARRL HQ for an NEQRP meeting yesterday, NJQRP has just shipped more Rainbows. Shipping is now up thru serial no. 150, including several international orders!

To err is human, but to forget a part in someone's kit is a real pain in the neck. When you receive your Rainbow kits, please be sure to check and make sure that all of the parts were sent. And if something is missing, let me know at my home e-mail address,

n2cx@voicenet.com

so that we can send out the part right away.

We are currently awaiting receipt of the remainder of our blank pc boards before the next 150 or so kits can be shipped. The whole megilla should be done late this week or early next, pending receipt of the boards.

Then.... we will start all over again with another build of 200 kits! We *are* still accepting orders under the same terms as before, so don't be afraid that you are out of luck.

In behalf of NJQRP...

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [14200] More S51
Message-ID: <Pine.A41.3.95q.970309194413.30726B-100000@hector.NMSU.Edu>

Now (0249z) he's calling "QRZ QRP". Way to go Rudi!

Tim K5OI

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [14252] Mosley Help...Thanks
Message-ID: <Pine.SUN.3.90.970310083325.18417B-100000@vortex.sage.dri.edu>

Thanks to all for the help in contacting Mosley.

I talked to them and the info in on its way.

I used the 800 number and the fellow on that end was very nice and took the time to fully answer all my questions except how I was going to get enough money to buy what I really want!!! :-)

Thanks again to all. What a great group.

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [14237] N38S-building
Message-ID: <01IGBWZV02V68WW6HX@tntech.edu>

All,

well on my few days off, decided to get started on my N38S. It took QUITE a while to go through the well over 100 pages of mods. I was very overwhelmed. The PC board is beautiful (looks like the ones used by LDG). I would certainly think that once the rig is built and running, it would stay running for quite a while, if built correctly.

The problem I have, and I say "I" is that I find that this type of plated through board builds very well, but doesn't like to be soldered and unsoldered, not the type I would like to experiment with. This leaves me with a strong desire to build it pretty much the way I want the first time. This meant lots of digging through the mods.

As best as I can tell, I made Dougs mandatory revisions, then I went through and made the changes for the 5 watt mod. I think I will build the rig pretty much using the very good instructions that came with the kit. I made the corrections right in the manual for the 5 watt mod.

When I got to the Tick mod, only found one set of corrections to deal with the side tone. It made reference to a first attempt at correcting the problem, never found a second attempt. Does this mean just use that solution?

I saw most people chose not to do the RIT mod. I have the parts, but seems there is some reasons not to do it.

I have the sockets, all resistors, transistors in and some caps (changed out the two with silver mica 330pf as suggested). I would greatly appreciate suggestions before I proceed from those of you who have this rig built successfully.

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [14238] N38S-I THINK WE'VE GOT A WINNER!
Message-ID: <9702108580.AA858012263@smtpgw.ccgate.dl.nec.com>

Gang:

Had a very successful weekend with the 38S. On Friday, I asked Mike Gipe (K1MG) about some trouble I was having with tuning into my tuner. I was getting 5w out, but the SWR was very high and TC2 didn't have much effect in bringing it down.

In my email to Mike, I mentioned that I'd left out the ferrite bead from the 10 ohm resistor used for the IRF510's gate bias. I had read a post earlier saying that this should be left off. Mike said I should put it on, as the FET can produce lots of VHF spurs.

I went home Friday, pulled up the resistor lead, popped on the ferrite bead, and soldered the lead back. Tuning was now 100% better. SWR down to 1:1 on tuner meter.

Weekend results? Take a look --> Worked CA, OR, IN, FL, WI, KY, AL, CO, GA, IL. All reports were "great sounding signal" and RST ranged from 599 to 559. I'll take that any day.

PLEASE! Don't forget to include that ferrite bead when doing your 5w mod. Your mileage may vary, but that bead meant the difference between making 0 contacts in three day's effort vs. 10 good, solid QSO's in 2 day's casual effort. It was like flicking on a switch.

My personal thanks to Mike Gipe for jogging my memory. I'll thank him personally, as soon as I find his address :-)

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: wager@juno.com (James W. Cates)
Subject: [14186] NorCal Announcement
Message-ID: <19970309.164206.3894.9.wager@juno.com>

Yesterday, Doug worked eleven hours putting the Spring issue of QRPP together, and he is not finished yet. He thinks it will be about 80 pages, and in spite of, or because of?, the subscription rate increase, to permit first class mailing of the issues, more bang for the buck.

And, in addition, Doug has been busy bagging parts for the 38 Special, and getting them to me for mailing. But, alas, or relief, depending on how you look at it, we are out of boards. The total number of 38 Special kits shipped, including the ones I will mail tomorrow: ONE THOUSAND, thanks to all of you who so graciously participate in our NorCal club projects.

We have five hundred more boards ordered, and they will be here on the 21st. Doug will start bagging parts, and by the end of the month, I will be mailing out more kits. "Man and Woman work from sun to sun, but NorCal's work is never done." Ha ha, if you will permit that fractured quote, hopefully a bit of levity.

The downside of this activity is that Doug is behind in posting memberships and renewals into the database. As soon as he catches his breath, he will respond to those who have inquired to either of us as to the status of their memberships and renewals. With the disasterous bulk mailing of the December issue, many of you have wondered, and several have asked us to check your status. And that we will, but please bear with us. And please fret not that we might be stressed. Not so, "busy hands are happy hands," the NorCal motto.

As for me, I am getting a gratifying amount of e-mail, and well over a hundred letters a week. I am behind, darn it, but catching up, and will. (I won't say how far behind. Embarrassing.)

Thanks for hanging in there with us.

jim, WA6GER.

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [14215] NorCal Announcement
Message-ID: <8D3A491.00040013B9.uuout@cheaha.com>

-> how you look at it, we are out of boards. The total number of 38

-> Special kits shipped, including the ones I will mail tomorrow: ONE
-> THOUSAND, thanks to all of you who so graciously participate in our
-> NorCal club projects.
->
-> We have five hundred more boards ordered, and they will be here on
-> the 21st. Doug will start bagging parts, and by the end of the
-> month, I will be mailing out more kits. "Man and Woman work from sun
-> to sun, but

FB!!! 1500 kits by a club....incredible!!!! Some of these
commercial outfits have gotta be scratching there heads trying to
figure out how ya'll did it in that length of time!<grin>
GREAT WORK!!!!

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+  
                > Isn't "time" a 4-letter word? <
```

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: clifton w sikes <csikes@brightok.net>
Subject: [14203] OHR 400- Keyer, Thanks help
Message-ID: <199703100332.VAA06835@sooner.brightok.net>

What a great bunch of people this is. I got several offers of help, and
Harvey, N6MM sent me the documentation I needed. Thanks to you all!

Rod, yes I'm promoting the wet, green state. I fell in love with it.
Everyone have a great week, and thanks again.

Clifton Sikes

AB5UA
Earlsboro, Ok.

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [14290] OHR group buy arriveth! Preliminary opinions.

Message-ID: <19970310.142840.10222.2.gsurrency@juno.com>

Oh, happy day! :-) :-) :-)

My friendly UPS delivery(person) just dropped off the OHR100 20m kit at my front door! Other than the OHR WM-1 wattmeter I have (that you couldn't pry from my fingers) this is my first OHR transceiver kit, and I must agree with K5FO, it is a quality product.

The PCB is so pretty without the components on it, it's almost a shame to start construction! You may want to frame it instead! I don't think I've ever seen ANY PCB that had more beautiful silk screening or solder mask. Dick, whoever you are using for your PCB manufacturing, DON'T CHANGE! Rather, give them a big hug instead! Maybe the PCBs made by SONY are a first runner up, if you guys and gals have ever owned a SONY product - you know how pretty they are. This one equals or surpasses it. Ten-Tec, please take note.

After checking the remainder of the packaging, and nodding approvingly at the nice cabinet (it's a real heavy guage aluminum stamping) and the nice finish / labeling. I am very impressed and satisfied with the quality of the parts in their little bags. This is gonna be a fun project to build, and I'm definitely gonna have to build another OHR kit REAL SOON after I finish this one!

All parts seem to be of premier quality, wonderful components familiar to many of us: 2N5179 pre-driver, 2N3866 driver, 2SC2078 PA. This baby should really cook on 20m with those components! Very nicely done parts list and separate schematics for the receiver and transmitter. Parts pictorials and chassis drawings VERY familiar of the best I've seen in the HeathKit days. Wonderful!

Many thanks to those who helped organize the QRP-L group buy, and thank you Dick for getting these kits out to all of us. Your work is very much appreciated and I want to personally congratulate you for a job well done!

Am I a happy camper? You bet your biffy I am!

Even the tissue paper that surrounds the kit and cabinet was very, very, neatly taped around the contents. I appreciate little details like that; you know care went into making this kit. Kudos to OHR!

Is that a slight smell (wonderful!) of tobacco I detect coming from the kit? Even though I don't (and have never smoked) smoke, that aroma reminds me of when I was a kid. A pleasant reminder of a happier time in life, and even if some of you don't care for tobacco, it was a nice surprise for me. Not at all objectionable.

Hope all of you in on the group buy have a similar pleasant surprise waiting for you on your doorstep when you get home. Details of the construction and performance to follow, although Chuck has already covered that very well on his home page. Listen for me on 14.060 Mhz in a few days to hear how it sounds!

Gotta go now, and savor the experience.... :-) :-) :-)

72 to all,

Gary Surrency AB7MY

S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)

OHR100 (20m) to follow!

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

Az ScQRPions

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: George Gingell <k3tks@u1.abs.net>

Subject: [14211] QRP Quarterly Back Issues FS:

Message-ID: <Pine.BSI.3.93.970309232315.20906D-100000@u1.abs.net>

The QRP Quarterly Back Issue Inventory - K3TKS - March 9, 1996

Issues Currently available for Sales/Distribution.

Contact G. Danny Gingell, K3TKS@abs.net for Details (301)572-6789

Issue #	Quantity	Issue #	Quantity	Issue #	Quantity
1986-#1 =	3 Copies	1990-#1 =	0 Copies	1994-#1 =	4 Copies
1986-#2 =	0 Copies	1990-#2 =	0 Copies	1994-#2 =	6 Copies
1986-#3 =	0 Copies	1990-#3 =	3 Copies	1994-#3 =	11 Copies
		1990-#4 =	0 Copies	1994-#4 =	13 Copies
1987-#1 =	0 Copies	1991-#1 =	0 Copies	1995-#1 =	17 Copies
1987-#2 =	0 Copies	1991-#2 =	0 Copies	1995-#2 =	22 Copies
1987-#3 =	0 Copies	1991-#3 =	0 Copies	1995-#3 =	19 Copies
1987-#4 =	0 Copies	1991-#4 =	0 Copies	1995-#4 =	3 Copies
1988-#1 =	0 Copies	1992-#1 =	0 Copies	1996-#1 =	28 Copies
1988-#2 =	0 Copies	1992-#2 =	0 Copies	1996-#2 =	8 Copies
1988-#3 =	0 Copies	1992-#3 =	0 Copies	1996-#3 =	4 Copies
1988-#4 =	6 Copies	1992-#4 =	0 Copies	1996-#4 =	7 Copies
1989-#1 =	0 Copies	1993-#1 =	0 Copies	1997-#1 =	4 Copies
1989-#2 =	3 Copies	1993-#2 =	28 Copies	1997-#2 =	0 Copies
1989-#3 =	0 Copies	1993-#3 =	0 Copies	1997-#3 =	0 Copies

1989-#4 = 5 Copies	1993-#4 = 1 Copies	1997-#4 = 0 Copies
-----	-----	-----

TOTAL of 195 Copies on hand March 9, 1996. K3TKS@abs.net (301)572-6789

The QRP Quarterly Inventory Worksheet/Order Form. Last Updated March 9, 1996

-----	-----	-----
1985-#1 = __ Copies	1990-#1 = __ Copies	1995-#1 = __ Copies
1985-#2 = __ Copies	1990-#2 = __ Copies	1995-#2 = __ Copies
1985-#3 = __ Copies	1990-#3 = __ Copies	1995-#3 = __ Copies
1985-#4 = __ Copies	1990-#4 = __ Copies	1995-#4 = __ Copies
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1986-#1 = __ Copies	1991-#1 = __ Copies	1996-#1 = __ Copies
1986-#2 = __ Copies	1991-#2 = __ Copies	1996-#2 = __ Copies
1986-#3 = __ Copies	1991-#3 = __ Copies	1996-#3 = __ Copies
1986 QRP Survey ___	1991-#4 = __ Copies	1996-#4 = __ Copies
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1987-#1 = __ Copies	1992-#1 = __ Copies	1997-#1 = __ Copies
1987-#2 = __ Copies	1992-#2 = __ Copies	1997-#2 = __ Copies
1987-#3 = __ Copies	1992-#3 = __ Copies	1997-#3 = __ Copies
1987-#4 = __ Copies	1992-#4 = __ Copies	1997-#4 = __ Copies
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1988-#1 = __ Copies	1993-#1 = __ Copies	1998-#1 = __ Copies
1988-#2 = __ Copies	1993-#2 = __ Copies	1998-#2 = __ Copies
1988-#3 = __ Copies	1993-#3 = __ Copies	1998-#3 = __ Copies
1988-#4 = __ Copies	1993-#4 = __ Copies	1998-#4 = __ Copies
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1989-#1 = __ Copies	1994-#1 = __ Copies	1999-#1 = __ Copies
1989-#2 = __ Copies	1994-#2 = __ Copies	1999-#2 = __ Copies
1989-#3 = __ Copies	1994-#3 = __ Copies	1999-#3 = __ Copies
1989-#4 = __ Copies	1994-#4 = __ Copies	1999-#4 = __ Copies
-----	-----	-----

This work sheet can also be used to inventory your collection and for placing an order for back issues needed.

You may send your orders directly to me.

G. Danny Gingell, K3TKS@abs.net or (301)572-6789.

My address is 3052 Fairland Road, Silver Spring, MD 20904-7117.

I would recommend that you contact me by email to place your order. That way I can confirm availability of your selections.

The Single issue price is \$ 3.00, Year sets are \$ 10.00. You may also Mix/match four issues for the same \$ 10.00 year set price.

Shipping is extra on all items. \$ 3.00 via USPS Express Mail per

4 issues or less. Please contact me for special arrangements on larger quantities or shipments outside of the U.S.A.

Checks payable to "George Gingell".

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
Subject: [14250] QRPP Dec 96 arrives in Helsinki, Finland after 2 months!
Message-ID: <332437B5.2515@vyh.fi>

Gang,

I just got off the phone, where my wife told that QRPP Dec 96 has arrived. It had been mailed on Jan 18th! QRPP used to arrive here pretty fast (DX copies have always been sent by 1st Class mail), but now it's been almost two months.

But this means there is still hope for those who still haven't received their own copy.

cheerio, OH2ZAZ

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0457

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: ji3m@maxwell.com (James R. Duffey)
Subject: [14251] Quads are a Thing of Beauty
Message-ID: <v02130501af49e47eb8d5@[192.31.66.229]>

Kris - I agree with you that quads are a thing of beauty. They are a unique blend of rigid members held together with taut fibers; compression nicely balancing tension, ying and yang.

One person who replied to me after my post stated that they are ugly. I told him there is no such thing as an ugly antenna.

I use a single loop for most of my work. It is 30M in circumference, fed with 5 M of balanced feeder. This makes a nice multiband antenna. I keep

meaning to put up another loop parallel to it for a fixed quad, but have not gotten around to it on my to do list.

The quad in its full size version is a relatively low loss antenna when compared to trapped tribanders and so is a nice match to QRP.

Like I said, the trouble is keeping them up in climates with wind, ice or wet snow.

By the way I went and read your article in Antenna Compendium 2 over the weekend. Nice piece of work. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [14292] Quads.. beauty and strength
Message-ID: <01IGCCS77VUE8WW7GE@tntech.edu>

Hi,

I just read James Duffey's post about Quads. I think that quads still have a bad reputation for being fragile things. I have had quite the opposite observations.

About 5 years ago I purchased a Lightning Bolt 5 band quad. I admit it was really fun to put up, and without the help of a quite creative friend, (who was really good at climbing toweres), I still would have the quad on the ground.

We have had severe ice storms, snow and about as bad winds as you can imagine. Had a tornado recently not far away, and heard the howling at my door as I dashed into the house just in time. I used a very heavy walled steel? I believe mast. The antenna is still in perfect condition, the mast is slightly bent. I will have to bribe my friend to help straighten it out and change out the rotor, but the quad still doesn't need any work. I think this is pretty darn good considering the WX we have had.

In addition, with my AT11, I can tune from 80-10, not too bad for

a \$250 or so antenna (that I got to build). The antenna blows the doors off any yagi I have used. It has done exceptionally well on the bands it was designed for :-) I have milliwattted around most of Europe and almost never have trouble working QRP in contests with it (except the recent ARRL DX contest).

thems my 2 bits

72

Jeffro, AC4HF

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: JEVERHART@cayman.vf.mmc.com
Subject: [14265] Rainbow on NJQRP web page
Message-ID: <970310133301.20628e71@cayman.vf.mmc.com>

Group,

The NJQRP web page is back, at a new location as George Heron posted earlier.

There is a section of that web page devoted to the NJQRP project, the Rainbow Tuner. So far we ahve a description of the Rainbow, ordering info, a spec sheet, errata and finally the schematic diagram. Please note that the latter bears a copyright notice.

Soon to come is a block diagram an accompanying brief theory of operation.

Kit builders, please check the errata section before you build for any last minute info. Problems or clarifications will be posted here on th email list, but the web page info will be a place to refer to any time.

Check it out!

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bill Myers <bjmyers@arc.net>
Subject: [14209] Ramblings
Message-ID: <1.5.4.16.19970309221307.2057a250@mail.arc.net>

Hiya All...

First off, those that have my e-mail address in their "personal" bookmarks, please change it to the new one. My previous provider decided, on short notice, to terminate dialup customers and put me in a slight bind last weekend. Anyway, it's straightened out and this address should be good for a while...

To those that have not been able to get to my homepage in the past week or so, it too is fixed, and the address remained the same on it.

Got my 38s up and running but haven't made any contacts yet. 5 watt mod done and it looks okay on the scope, sounds good on the Icom 735 also.

In fact, it was nice not having any e-mail last weekend. I finished up a couple of projects and started a couple of new ones. Cleaned up the communications/project building/put the dog when she can't be anywhere else/spare bedroom. Got more spare parts than I realized, and now have an extra large work table in addition to the regular work bench. This is in addition to the normal operating area.

Started checking out the HW-8 for QRP-TTF. Plan to make a couple of external mods to help it be a better machine for this event. Plan to take the 40-9er and 80-9er also.

Continued stripping out the HW-7 for a total rebuild from scratch. I realize we plan to keep most of our toys forever and just tack parts on here and there, but it really doesn't take that much time once the mod works to put them in "properly". It would make it nice for whomever gets it when you get tired of it. This poor radio has been moded so many times it's not sure what model it is. And many of the mods done and undone were done sloppily. Got a super receiver board from Randy, WJ4P, that fixed a lot of the receiver problems, but so many other things were out of wack I'll take it back top the start and go again...

Really enjoy the chatter on the reflector this week, especially the DEBUGGING!!! One of those posts triggered something in my head (caused a headache) and I was able to fix one of the other radios laying around the room. THANKS GUYS...

Enough for now....

72/73's

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bjmyers@arc.net>
homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [14295] Ramsey 7.040/7.140 TX 4Sale/swap
Message-ID: <199703102228.0AA29755@olympic.brigadoon.com>

Hi. I have a spare Ramsey QRP transmitter for sale or swap. It is built already and has the Ramsey case on it. Looks well built. Not a hack-job. They cost \$29.95 plus \$14.95 for the case, plus a few for the extra crystal in the catalog. Asking \$25 or swap for some goodie, such as a 38 special (preferably built already) or a tuner or whatever. US Mail is best for me and \$2.90 should cover it.

Catch me here or on the horn at 206-788-9027 days, eves, weekends.
73 de Jim, W7LS

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: QLF%mimi@magic.itg.ti.com
Subject: [14242] REFERENCE BOOK
Message-ID: <9703101506.AA15373@itg.ti.com>

From: Brad Bradfield QLF

Subj: REFERENCE BOOK

> I've had a number of requests for the exact name of the book...here 'tis.
> Sells for ~\$10...
> The name of the book is: "POCKET REF" by Thomas Glover
> published by: Sequoia Publishing, Inc.
> Dept.101
> P.O.Box 620820
> Littleton, CO 80162-0820
> (303)972-4167
> Floyd NQ7X Phoenix ScQRPion dm33uq
> ARCI G-QRP NORCAL ARRL AMSAT WVARC
> WAS WAZ WAC DXCC(325hf,102sat,96qrp)

For you guys in the Dallas area, I was in Tanner Electronics late Friday afternoon and happened to see that he has this book available at the same price. I glanced through it briefly, and there is a good bit of useful

information in it. The display is on the counter in front of the IC stock to the right as you come in the front door.

Oh, well.

72's es 73's,

Brad, WB0CGH

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [14198] S51 on 40m
Message-ID: <Pine.A41.3.95q.970309193845.30726A-100000@hector.NMSU.Edu>

Gang:

Just worked S51UF on 7018.2 at about 0240z. He heard my /QRP and wouldn't stop until he could copy. First he heard K40I then, finally, K50I. Lots of other guys were calling but he would say "PSE, 0I/QRP only". What a thrill! Hope he's not a pirate. He was 599 into southern NM.

Tim K50I

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14226] Sierra and Fox Raider Strike Again!
Message-ID: <199703100856.BAA16612@usr07.primenet.com>

Howdy Folks,

chuckle *chuckle*

I'm all smiles. The Sierra and Fox Raider 2001(tm) strike again. 1st QSO with the rig: 599 into TX. 2nd QSO: 579 into Chiba, JA. On 40m. 3 watts. Aki said my antenna was working great, and I answered his CQ with /QRP so he knew up front what I was up to. :-)) Chatted for a bit before he went off the air. Very good english. Wish my japanese was that good!

Having this much fun should be a felony! Wahoo! Life is one big E-ticket ride!!!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

2-Way QRP WAS: 46 (Need: HI, ND, RI, WV)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14222] Sierra Lives! Foxes Beware...
Message-ID: <199703100634.XAA10596@usr04.primenet.com>

Howdy Folks,

Thanks much to all who helped (think I got you all individually) - THE SIERRA LIVES! Wow, that's a hot little rcvr on there! Amazing rig all around. Call my therapist, I think I'm in LOVE. :-)

Yet another victim of a cold solder joint (my first time being bit by one) - the jumper cables W1 and W2. Seems my 4am soldering sessions in Florida were taking their toll on me. But it works! It was an obvious problem, but hey, I'm a software guy. Most folks shudder when I pick up an iron. I'm learning. :-)

Took it on it's maiden voyage tonight with the Fox Raider 2001(tm) along for the escort. Calling CQ netted me a QRO ham in Dallas who gave me an honest 599. Asked him to confirm after I told him I was QRP and trying my Sierra for the first time. His exact words were "yes ur really vy 599 hr".

So Ron, watch out Tuesday night. May want to kick in that 30dB attenuator, lest my mighty 3+ watt Sierra sig and Fox Raider tear up your front end like a juicy chuck roast in a pond full of underfed piranhas. :-)

Earlier today I also managed to bag 2xQRP VA and 2xQRP ME. Many thanks to W1ME and N4UY. Wow, what a weekend!

Tap-t-tap-tap tap-t-tap-tap-tap (Happy Dance)

Time to plan my first backpacking trip with the Sierra.
ARS WAS here I come!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

2-Way QRP WAS: 46 (Need: HI, ND, RI, WV)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: jayboy@psnw.com (Jay & Jackie)
Subject: [14196] Sierra on the air
Message-ID: <199703100209.SAA17243@sierra.psnw.com>

Gang:

Sierra report from Central Ca (40 m module complete)...First QSO southern Ca, second QSO NF9V in Ill and the ant is a hidden dipole laying on the tile roof!!! What could I work if I were permitted to put up a decent ant? KC-2/S meter/keyer working great, can't tell if buzznot works since I don't have any noise at this time. Now to start the 20 meter module. Sure was a fun project....Who has the info on pumping this baby up to 4-5 watts? Will it drive my SB-220?(The devil made me say that.)

72/73 Jay, W6JDB Madera, CA

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [14276] Strange but True
Message-ID: <199703101958.MAA12505@lynx.csn.net>

Hedy Lamarr invented frequency-agile radio communications.

According to a feature in this morning's paper, she was married to an Austrian arms magnate, who was doing more and more work for the Nazis. No dummy, Hedy picked up a lot of arms design information and eventually drugged her maid and escaped to the US on the eve of WWII.

She wanted desperately to help the war effort, but no, they said she'd make a better contriution as a pretty face selling War Bonds.

It appears her composer friend George Antheil was "doodling" on the piano one day when Hedy realized they were communicating, on different frequencies. She immediately applied the idea to radio control of torpedos (previously not very useful due to jamming) and realized that the problem would be synchronization of the transmitter and receiver. George solved that one-- a clockwork mechanism using coded paper tape like "piano rolls."

Sound a bit far-fetched? They got a patent on the idea as a "Secret Communication System" on August 11th, 1942. The US Navy thought it was too cumbersome to use at the time, but picked up on the idea three years after the patent expired.

Cool, huh?

73

Marshall Emm
AA0XI/VK5FN

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: k5hj@juno.com (Charles R. Ott)
Subject: [14202] Ten-Tec 1330
Message-ID: <19970308.210312.12054.0.k5hj@juno.com>

Anyone have any experience and/or can point me to a review of the Ten-Tec 1330 30M transceiver kit?
Sounds like a good price if this thing is any good.

Charles R. (Randy) Ott - K5HJ - QRP-L #1040
Duncanville, TX
k5hj@juno.com
Send Email with attachments to isc@fastlane.net (Juno can't handle them)

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [14223] TX Yahoo Challenge
Message-ID: <Pine.SOL.3.91.970310024211.28983E-100000@hyper>

k1oj wrote

The 'Texas Yahoos' wish to put forth an official challenge to all contestants in the up coming QTTF. We will put up a wager of 10 lbs of

the best Texas style Bar-B-Q ribs with sauce shipped to the highest scoring team anywhere in the lower 48 states. Teams must follow the letter of the rules and operate from the same location, single transmitter on the air at a time, etc...etc.

>

Sure, why not! The Guano Reef Bashful Perverts Field Day Group will take up your challenge. Ops will be N4BP, WV5Z, and probably W40VU. What would you like from us in the unlikely event that your score tops ours?

73,

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [14233] Ugly Weekender request
Message-ID: <1.5.4.32.19970310134715.00671ee8@mail.teleport.com>

Someone needed the article on this project. Did they get them or did I miss a response? Have them both. 73

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [14277] Wanna Swap.. FT690 for QRP++
Message-ID: <19970310.143918.10791.3.tahrens1@juno.com>

If anyone is interested, I have a 6 meter all mode that is up on the block for a swap. I'd like to try one of the Index Labs boxes, preferably a later model.

BTW, the 690 is in great shape, still have the boxes, external whip antenna, etc. You can remove the QRO amplifier (10 watts), and just run barefoot! Does FM, SSB, & CW. I

think it's about 3 years old, but has been sitting waiting for me to use it.. A funny sidenote,, when I got it, I didn't have very many HF rigs, so I built a 6 meter to 40 meter transverter for it!! I could throw it in for one of the auto tuners or something... Always looking to try out new rigs.

Thanks,

Tim W5FN

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: HIMES@idic11.idi.oclc.org
Subject: [14278] Whats QRP?
Message-ID: <01IGCCBC8JB6AIM7QT@idic11.idi.oclc.org>

Funny how many of us have come full circle, from being rock-bound with low-power tube rigs and simple dipoles... to VX0, yet-lower power, IC rigs, only slightly more sophisticated antennas. I talked to as many people then as I do now, and it's just as much fun. I had one of those Ameco AC1Ts (from the Lafayette catalog, all I could afford, anybody remember those?), two tube wonders, maybe 15 watts, and a really bad SWL rx with a bfo. It was all I could do to mow enough yards for the \$60 buh or so that it all cost.

I used to troll a phone company dumpster for enough wire for dipole antennas. I'd do that today, if I was sure nobody was looking!

Marty WB8FNH

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [14301] You know you're running QRP when...
Message-ID: <199703102314.RAA29388@multi13.netcomi.com>

This thread forces me to reprise last year's greatest hits (with apologies to those who have already read it):

You know you're running QRP when:

1. You set your iced tea on top of the rig so the ice doesn't melt.
2. The electric company blacks out your neighborhood and you don't notice because you're in the middle of a great QSO.

3. The ham down the street calls you on the telephone to tell you that he can hear your key clicks, but you were just adjusting the key with the rig off.
4. You can't remember where to buy 9v batteries for your 40-9er.
5. Your next door neighbor has no idea you're a ham.
6. The sun sets on your solar panel, so you light a candle.
7. You get a 579 RST in a contest.
8. The receiver draws more current than the transmitter.
9. Chuck Adams QRMs you to death in a pileup.
10. You understand how your radio works, and you know who built it.
11. You wonder if the SWR meter is consuming too much of your power out.
12. The final transistor in your transmitter got zapped, so you just put a penny in its place.

Mike K1MG

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: tmh@world.std.com
Subject: [14234] ZL Update: our wacky hobby(longish)
Message-ID: <Pine.SGI.3.93.970310085012.4786A-100000@world.std.com>

1. STILL GOING: The ZL Special that I put up last weekend continues to perform:
2. OUR WACKY HOBBY. On Wednesday I had an early doctor's appointment. Finally got home, ate lunch and took a nap. Woke up feeling really groggy and discombobulated (<-- real word!). Put some coffee on to heat up and sat down at the Cascade. Twenty seconds later I'm talking to "Fabio" in Italy: The rapid "translations" in space in ham radio, and the rapid transitions from isolation to company, are part of the hobby

it's hard to convey to others.

3. HEARD MY FIRST JAPANESE. Didn't think I'd be able to, as the ZL is pointed at about 55 degrees, towards Europe. Signal was faint but copy-able (remember this is 20m ssb). It had a strange "warble" and overall sounded "watery." Some over-the-pole effect? Also heard St. Helena in the South Atlantic (right next to a popular DX group who never knew he was there...) (both signals were outside my General-class priviledges (upgrade is in progress)).

4. ELNEC fun. If you go to <http://www.funet.fi/pub/ham/antenna/> and download elnecdem.exe you can create your own antennas. This software comes with a pre-designed ZL (FDSP.EN). Our local ZL expert L.B. Cebik (W4RNL) in his article in the Winter Communications Quarterly says (hope I get this right) that the ZL is pretty tolerant of changes and will keep some front-to-back ratio and some gain (comparable to a two-element yagi)(if I misunderstood I'm sorry). If you play with the spacings on the model you can see this. Also that after about 40 feet, extra height doesn't do much. Also Cebik says that there's little one can do to improve a ZL. I tried adding a parasitic director to the ZL in the model, which basically blew up the azimuth plot. A ZL is not some sort of yagi...still, there must be something to fiddle with...

5. MOXON DISAPPROVES. Visited the (only) ham radio store in New England this weekend. Looked at a book by Moxon, who's a Famous Antenna Guru. Looked ZL up in the index and found it (literally) was at the top of a list of antennas to avoid! He said getting the phasing right was just too problematic. But he also said some people report amazing results with it, so something is going on. But he also said you could get better results with other antennas. Of course a ZL is quick and easy to make, cheap, and compact, too.

6. DIPOLE REGRETS. I regret now keeping my dipole as long as I did. I wonder if we do a disservice to new hams by emphasizing the dipole. I mean, ham radio is a hobby, and is supposed to be fun/exciting. A dipole will certainly get you on the air, but it lacks character. All I'm suggesting is that just as we ask "what will you be using the rig for" before getting a rig, perhaps we should think more in term of "use" and "getting the most antenna out of your QTH for that use" with beginners.

-- Tim N1PAZ

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
Subject: [14205] Re: 10m kits?

Message-ID: <199703100247.VAA20242@mail.bright.net>

Tom - I have a couple fo options - I have a "Bag of Parts" kit for a single band cw tx - any band 160-10 meters. It is based on the article by KK7B in Nov. '95 QST. When built with the miniR2 rcvr it can be a 10 m cw xcvr.... Check out the "BOP" kit at <http://www.bright.net/~kanga/kk7btx1.htm>

and check out the miniR2 at <http://qrp.cc.nd.edu/kanga/>

The miniR2 and the LM2 will also make a nice 10 m cw xcvr...

73

> Hi Fellow QRPers, wondering if any of the kit suppliers have a rig for
> 10m cw. I would by one in a flash if they we available. 15 meters would
> be great also. Need something small for backpacking cuz the old Argo is a
> lil on the heavy side! Thanks and 72, Tom WB5QYT QRP-L 640 and scQRPion 22
>
>
>

73 - Bill - N8ET

Kanga US

kanga@mail.bright.net

<http://qrp.cc.nd.edu/kanga/>

419-423-4604

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: "Michael A. Gipe" <mgipe@reliablemeters.com>

Subject: [14271] Re: 38 Special is alive....

Message-ID: <199703101932.NAA17481@multi13.netcomi.com>

> 1. Why is the TiCK side tone when in programming mode so much lower than
> the regular sidetone from the chip when transmitting? The programming
> tones have to be less than half the volume. Yes I did play with the
> value of R 17? and it made not difference in the sidetone volume. (My
> first clue?).

The reason is because the original circuit paralleled the sidetone circuit with the receive mixer during receive, loading the sidetone circuit. This was not a problem without the Tick chip because sidetone was only needed in transmit mode. With the Tick chip, sidetone is used in receive mode for keyer programming info. The solution is a mod suggested by Brad of Tick chip fame. I don't have the exact text of his solution here, but the idea

is:

Do the normal Tick mod per original instructions. Then make an additional change. This involves one additional trace cut and adding a 4.7k resistor.

The normal Tick mod connects the tick sidetone to the left side of R17 (see schematic) and cuts U4 pin 3 out of the circuit. The additional change disconnects C32 from R19 at the point marked "A" on the schematic. Then it connects C32 through a NEW 4.7K resistor to U5 pin 6. The old way had the sidetone just paralleled with the receiver audio. The new way sums the sidetone into the op-amp virtual ground input.

I don't have a board with me here, so I can't tell you exactly where to cut, but it is fairly easy to figure out when you know what you want to do. You need to break the connection between C32 and R19 without breaking the connection between R19 and C15. That is one cut.

Next, add a resistor from the end of C32 that you just disconnected to U5 pin 6. I just added this fly-wire style on the top of the board. By tracing the connections to U5, you can probably find a convenient point to connect to closer than U5 itself.

I hope I haven't confused everyone.

Just remember that you want to connect C32 to U5 through its own 4.7k resistor, not the one that is already there, and then figure out how to do that.

> 2. I wonder if the receiver is giving me all it should be. I can hear
> stuff and get white noise and hiss and yes the noise goes up when that
> antenna is attached, but it still seems kinda muted or deaf according to
> the other reports that I have heard. I did jump R 24 and the audio out
> did increase a little, but not by much.

Hard to tell. The rig is no ear-blaster, but an S9 signal should cause you to want to turn down the RF gain from max. Do you get two peaks when you adjust TC1? If not, you may not be able to tune to 10 MHz and may need to adjust the transformer toroid.

> 3. Thump thump. Yes mine does thump a LOT. I would like to kill some of
> this, bu the receiver is the first order of business.

Yep. I think it will not be easy to get rid of. If you used sockets, you may be able to try different 4066 ICs and use the quietest one.

Mike K1MG

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>
Subject: [14194] Re: 38S Case suggestions.....
Message-ID: <3.0.32.19970310020103.006972b8@mailhost.primenet.com>

At 08:14 PM 3/9/97 +0000, Brandon (AC40U) wrote:
>If you have a 38S please post any suggestions for cases.
>
>Thanks,
>
>Brandon AC40U

TenTec, have a look at: <http://www.qsl.net/ke7gh/qrp.htm>

Brian #2 ke7gh@qsl.net QRP-L #1031 NC38s APRS 30m QRP Test #1

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [14218] Re: 38S Case suggestions.....
Message-ID: <199703100551.AAA29717@nss2.CC.Lehigh.EDU>

38special builders,

I am planning on putting my 38 Special in a case from Radio Shack. Part number 270-253A, it is an all metal cabinet. Really heavy duty and measures, 3 X 5 1/4 X 5 7/8, so plenty of room in this baby for other things, camping equipment, car jack, antenna wire, cat groomer, eggplant seeds , ya know , things like that there ! (Just kidding :-) !!!) Nice case though... good luck.

73,
Steve
KA7NOC
<http://www.magiclink.com/web/shurst>

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [14187] Re: 38S in case, part 2
Message-ID: <33254347.171477539@smtp.usit.net>

On Sun, 09 Mar 1997 10:29:41 -0800, Steve Miller
<kg7pv@teleport.com> wrote:

>Well, after a good nights sleep the obvious occurred to me. In part one =
I
>found that the tx was not stable when I installed my 38s in its case.
>Worked fine on the bench and in the box IF I used insulated =
standoffs....yep
>- one of the metal standoffs had contacted one end of C29 of the output
>filter and voila - bad sig. My solution is to leave the plastic =
standoffs
>installed since I don't have any smaller metal ones. Moral: sometimes =
the
>solution really is simple! 73

If the "gurus" wouldn't mind posting their comments publically, I'd appreciate it. This sounds kinda wierd to me ... I just looked at the board again -- one end of C29 is on the ground bus, as designed. I'm not sure why this would create a problem -- perhaps plastic cases are being used, and the rig needs metal cases? Also, another poster mentioned isolating the antenna connection from ground, else trash results. I'm confoosed. Badly confoosed. I understand the voltage regulator case, and the IRF-510, need to be isolated from the case, thus the T0-220 mounting kits from RS using NYLON screws and nuts, rather than the supplied metal ones. But it sounds very much like these gentlemen have determined the whole rig needs to be isolated from the case, which doesn't make sense to me. Could be right, though. What do I know ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
~~~~~

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997  
From: Jim Bennett <jbennett@ebmud.com>

Subject: [14263] Re: 38S in case, part 2  
Message-ID: <332458E6.4840@ebmud.com>

Marty, KM7W wrote:

> If the "gurus" wouldn't mind posting their comments publically, I'd  
> appreciate it.....  
> I'm not sure why this would create a problem -- perhaps plastic  
> cases are being used, and the rig needs metal cases?

Marty - I'm certainly not a guru (had lotsa problems getting my 38S on the air!) but I can tell you about my rig. It is in a metal case I got from a local electronics place. My board is NOT insulated from the case. In fact, I used threaded aluminum stand-offs to attach the board to the bottom of the case. The top part of the stand-offs meets the board at a ground bus location on all four corners. To ensure connectivity, I sanded the paint off the inside bottom of the case where the stand-offs are attached.

-----  
Jim Bennett / W6JHB (jbennett@ebmud.com)  
Supervising Systems Programmer  
East Bay Municipal Utility District  
Oakland, CA 94607  
voice: 510.287.0224 / fax: 510.287.0373  
-----

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997  
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>  
Subject: [14248] Re: 38S in case, part 2(long answer)  
Message-ID: <1997Mar10.112628-0500@[130.113.234.7]>

Marty Watt asks why putting his 38S into a case caused instability.

The answer is mostly "ground loops". Marty found that if he attached the board to the case with a metal standoff (close to C29, which is also grounded) his rig put out an unstable signal.

So the question arises "if its already connected to ground, why should connecting it to ANOTHER ground cause problems?"

And the answer is: At R.F. frequencies "ground" is not always what you think. We always think of ground as zero volts, zero signal, and zero impedance. In practice, this is very difficult to achieve.... printed circuit traces exhibit inductance, and resistance too - even the traces that are supposed to be ground traces. So the result is that ground in one part of your rig isn't the same as ground in

another part of your rig.

Now this usually isn't a problem when you're dealing with a receiver, where circuit currents are low, and circuit impedances are high. Those small ground impedances are quite small in comparison. But in a transmitter, R.F. currents can be large, and circuit impedances are low, so that those same ground impedances now become much more important.

So what can you do about it?

Its difficult to do much if there are significant ground impedances on the printed circuit board. But its very easy to add extra paths for R.F. current to flow when you start adding controls, switches and connectors (many of which require that at least one lead go to ground). Some of these extra paths can divert R.F. current to low-level parts of the transmitter, causing feedback - and instability. There are too many possibilites to consider, but some general principles might help (I'll probably miss a few):

(1) Isolate the high level amplifier ground - only allow ground currents to flow through one path - the path that the designer intended (thru the printed-circuit-board ground traces).

As Marty has found, this means isolating the board from the case with insulated standoffs...play it safe and isolate all four corners...maybe only necessary to isolate that one corner where the output amp sits.

Another potential bad ground loop can be eliminated by using an isolated BNC connector for the antenna. A short run of coax cable grounds the connector to the board.

(2) Single point grounding - the case SHOULD be grounded, but ONLY AT ONE POINT. Often, you don't have a choice here: the 12v power connector shell might be non-isolated - that's your single-point-ground. You'd be wise to isolate everything else.

(3) Consider a plastic case - since it may be difficult (or impossible) to isolate everything from ground if you're mounting to a metal case, a plastic case might be the answer. If your rig worked fine while sitting naked and scrambled on the bench, but is unstable in a metal case, chances are that a plastic case will allow stable operation. However, plastic cases can have problems too: ungrounded metal shells of pots should be grounded, lest they act as a small antenna, and relay R.F. to the pots' innards.

(4) bring in power thru an isolated jack. A nasty ground loop can possibly form if the power-jack negative lead is connected to the (metal) case. Try to use a fully insulated connector here.

From: Alan Kaul <kaul@netcom.com>  
Subject: [14253] Re: BOPP  
Message-ID: <Pine.3.89.9703100810.A17295-0100000@netcom14>

Brian .. you saw Hale-Bopp which JPL reported as less than 5 degrees above the horizon around 630pm local time. More info from:

<http://newproducts.jpl.nasa.gov/>

Browse around and click on some of the links. There's pretty good stuff out there.

GL and 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [14280] Re: Chuck's free pizza offer es fox hunt tactics  
Message-ID: <199703102050.UAA28542@chuck.dallas.sgi.com>

Subject: Re: Chuck's free pizza offer es fox hunt tactics

Hmmm, Mike. Trying to get another CA contact by having a rig in the parking lot and having me work Ron for 6-land? Saw where TX was a powerhouse last week on a posting that I read this morning.

For the rest of the gang, hang on. I'm in CA and have a little time later in the day to repost the fox scores. When I took the hit on the modem it really really set me back. Next year I'm going to have two independent sources keep the score along with me, just for this kinda stuff. It won't work right now as there is a lot of email behind the scenes. :- ) ; - ) A tough job but someones gotta do it.

OK, so I got caught on the pizza deal. It's a win-win situation. I either help TX win or I save money. :- )

dit dit de K5F0/6

Rigless in CA.  
Chuck Adams K5F0                adams@sgi.com DXCC=11

[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997  
From: mdwatt@usit.net (Marty Watt)  
Subject: [14188] Re: courtesy of operators  
Message-ID: <33264a2b.173241174@smtp.usit.net>

On Sat, 8 Mar 1997 10:22:46 CST, wj5o@juno.com wrote:

>It's extremely rare if a QSO doesn't include a "TKS", "TNX or "THANKS".  
>  
>I would like to see this same courtesy extended to "ELMERS" who research  
>& compile info for an "asking" person on the list. =20  
>  
>A "general thanks" to the List is like calling CQ and including "TNX" in  
>the calling. It isn't a meaningful "TNX" until there is a "two way" .

Of course, the list isn't two-way, but roundtable ... More like a net than a single QSO.

Nevertheless, I try to respond with a "thanks" to everyone who responds to me, even if after the 20th time it may be less than sincere ...

One problem I'm having is that questions asked on the list are answered privately (this seems to be the only list I have participated in that has this issue). For instance, I've been looking for an answer on the variation of voltages on the 38S question for three days, and haven't seen a one. Answering the questions publically might create some "dupes", but if the answers are consistent, then we have confirmation. If they are different, then we have a problem of general interest that the discussion will benefit from (man, I really have trouble with dangling prepositions today).

Remember: For every question asked on the list, there are 10 people who, unknown to anyone, are looking for the answer. Easier, IMHO, to have three answers than 20 people asking the same question.

So far I'm specifically looking to answers to questions offered by other posters:

1. Case suggestions
2. "Ideal" modification solutions
3. 38 Special "thump"
4. After alignment, 38 Special still has problems

5. Debugging the 38 Special -- where to start, what to look for

This is just a sample -- obviously every question concerning the 38 special I'm interested in the answer, since I have a non-functioning one at this point. I've been talked into debugging it myself. I'll feel better about that decision when it works ... :)

So, yes, I'm begging that answers (at least \*one\*) be posted publically to the list, so that all might benefit.

And, yes -- you should at least say "thank you for responding to my message!"

In my faith, today is forgiveness sunday, and I beg each of you individually and collectively for your forgiveness if I have offended or harmed you in word, deed, or thought.

72 es 73 de=20  
Marty, KM7W

-----  
Jackson, Tennessee e-mail: mdwatt@usit.net  
http://www.public.usit.net/mdwatt  
"The Curmudgeon's Corner"  
NorCal #???? - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq  
~~~~~

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: jsm@deepcove.com (Steve McDonald)
Subject: [14241] Re: Free Pizza for CA courtesy K5F0/6
Message-ID: <199703101504.HAA17388@freya.van.hookup.net>

>
>Gang,
>
>Doug Hendricks, KI6DS, can drive over/up/to
>Mt View CA Tuesday night for pizza, my treat.
>
>So, how about 6:30 or 7:00 'ish at the pizza
>place next to Two Guys from Italy on El Camino
>Real in Mt View?

...man...with all the pizza those w6's scarf down, the're gonna get too big and ugly to chase FOXES much longer (.....nice plan Chuck!)

VE7SL

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [14254] Re: Free Pizza for CA courtesy K5F0/6
Message-ID: <199703101746.LAA11688@multi13.netcomi.com>

> ...man...with all the pizza those w6's scarf down, the're gonna get too
big
> and ugly to chase FOXES much longer (.....nice plan Chuck!)
>
> VE7SL
>

Take a look at the pictures from the last NorCal meeting on the NorCal web
site. We're ALREADY big and ugly! When you're staring down a fox, it
helps to be intimidating.

Mike K1MG
apprentice fox hunter
Saratoga, CA

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "DANIEL DOBSON" <DANDOBSON@msn.com>
Subject: [14300] RE: Ft. Walton Beach Hamfest QRP Gathering
Message-ID: <UPMAIL02.199703102256390986@msn.com>

test message only...

From: owner-qrp-1@Lehigh.EDU on behalf of Bill Myers
Sent: Monday, March 10, 1997 4:15 AM
Subject: Ft. Walton Beach Hamfest QRP Gathering

For those planning to come to the Playground Amateur Radio Hamfest in Ft.
Walton Beach this weekend (Mar. 15/16) I have reserved a meeting area for
Saturday (15th) at 2 PM. There will probably NOT be a formal presentation
but there will be many of the local QRP'ers. The hamfest also has a
homebrew and straight key contest on Sat.

If you have any questions, drop me a line.

Maps to get to the hamfest site can be found at <http://www.nfds.net/~swapfest>

72/73

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bjmyers@arc.net>
homepage <http://destin.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jon Iza <ea2sn@jet.es>
Subject: [14227] Re: HAARP
Message-ID: <33245F05.339A@jet.es>

Gang,
woke up a little earlier than usual (5.30 local time) and heard the
transmission. At first I tried 6.999 and then I rechecked on 6.990 and,
there it was HAARP, barely on top of noise, both times 90 and 80
degrees.
Now to fill up the comments for the QSL ;-) On 3.300 a beautiful singer
with classic music and no sign of CW. Maybe it was zero beat :-(

Ops! QTH: Vitoria, in Northern Spain. Receivers: AOR 3030 with narrow
filter and TS50 with SSB filter. Antenna: vertical for 10-15-20.
jon, ea2sn

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Peter_Simpson@3mail.3com.com
Subject: [14229] Re: HAARP Test
Message-ID: <85256456.00463856.00@hqoutbound.ops.3com.com>

I spent Friday night at the Appalachian Mountain Club hostel in Crawford Notch, NH, with 11 other people. I took my Sony 2010, and stayed up after everyone else had gone to bed, listening for HAARP by the light of a flashlight. Didn't hear a thing. Not even a whisper. Even listened on 3.30, but there was a religious BC station QRMing that frequency.

I did hear a bit of the SSB QRM. Sad, but not totally unexpected.

The similarities to foxhunting did occur to me :-)

Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [14245] Re: HAARP Test
Message-ID: <199703101553.PAA27757@chuck.dallas.sgi.com>

Gary,

You're right, I forgot to post. Indeedy, they did not send 10 words per minute. More like 20 wpm is my guess. It probably kept a number of people from getting the whole message.

dit dit
Chuck Adams K5FO adams@sgi.com DXCC=11
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Dean T. Miller" <dtmiller@dsmnet.com>
Subject: [14270] Re: HAARP Test
Message-ID: <9703101929.AA08339@dsm7.dsmnet.com>

> From: adams@chuck.dallas.sgi.com (Chuck Adams)

> Now it may be my old ears, but the second period of the
> test where they went to 80 degrees was slightly weaker
> down here. That was interesting.
>

> Let us know if you heard them or stayed up that late. :-)

I wasn't going to bother replying, because I heard practically nothing.<g> However, at the appointed times, I did hear a carrier on 6.990 barely above the noise level and some smattering of code, but not enough to even copy a whole word. That was for the first session.

I couldn't hear the second session (with the signal aimed toward the SE) at all, but there was some QRM that appeared so it was tough to listen.

On 3.400, all I heard were a bunch of lids tuning up and yakking.

Obviously, I need a better antenna system.

-- Dean -- from Des Moines (KB0ZDF)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [14232] Re: HAARP Test -- the *real* achievement!
Message-ID: <33240C37.671F@concentric.net>

Peter_Simpson@3mail.3com.com wrote:

>

> Yeah, yeah, I know, it's not QRP, but I think the
> real winners are the hams who managed to convince
> their employers to let them attach a CW keyer to what
> must be the biggest QRO rig ever! You have to admire
> guys who manage to pull off something like that!

>

> Peter, KA1AXY

Can you imagine what it must have felt like to "pull the trigger" on that setup? Sort of like the Ferrari that none of us will ever own, or getting to ride shotgun in an F-16?

Best

Jess NOTFI

<http://www.concentric.net/~jessqrp>

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14264] Re: Hamstick
Message-ID: <199703101905.MAA03190@usr02.primenet.com>

Howdy Paul (and fellow QRP Critters),

Paul (K1CGZ) wrote:

> I saw ur post on QRP-L regarding the Hamstick on 40 M. I've
> been experimenting with a 40 M Hamstick too. I have had a
> few QSOs, but not what I'd term wild success.
>
> Ur 19 radials, were they 33 ft long, or what? What angle did
> they form with the vertical element, 90 degrees, or....? Did u
> use a capacitor between the coax center conductor and the
> radials (per the instruction sheet) ? If u did, what was its
> value and type? What size whip did u need to resonate?

Actually I only had six radials, two each 1/4-wave for 20/30/40m. Yes, these were cannibalized from some of my old dipoles - the horror.... :-). The Hamstick was mounted to a corner of my patio cover, with the radials in a semi-circle centered north, sloping slightly from 8 feet (mount point) down to about 6 feet at the ends.

No matching network at the antenna. Just used my Autek and screwdriver to adjust the SWR as low as possible on the desired freqs, then used a tuner. The 40m Hamstick would ~~not~~ resonate on the bottom of 40m with the standard whip, so I ordered an extended whip and that solved the problem. Typical SWR was just above 2.0:1, but it was good enough.

By all means, get an antenna analyzer on those beasts and tune them to resonance (as best you can). You're RF is already fighting a loading coil, may as well give it all the help you can.

Heck, in less than a year I worked all 40 states QRP with this setup (using 20/30/40m Hamsticks). YMMV (your mileage may vary), but it was cheap, low profile, and it worked! (Uh oh, I'm starting to sound like Sterba... :-)).

Good luck!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

2-Way QRP WAS: 46 (Need: HI, ND, RI, WV)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [14266] Re: Hamstick
Message-ID: <Pine.LNX.3.93.970310141751.992A-100000@dns.vidtel.com>

On Mon, 10 Mar 1997, Joe Gervais wrote:

> Heck, in less than a year I worked all 40 states QRP with
 ^^^^ !?!?

Must have been a long time ago, hi. Sorry Joe I thought you were a lot
younger than that :) Guess that make you a real OT... or OF...

-- Christopher Cartwright, Tech. Engineer		ccart@vidtel.com
-- Phone 301.990.0735 N3XRV QRP-L #655		ccart@erols.com
-- QRP WAS 11/3 (w/c) QRP-ARCI #9271		http://dns.vidtel.com/~ccart

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14268] Re: Hamstick
Message-ID: <199703101924.MAA04863@usr02.primenet.com>

Chris (N3XRV) wrote:

>
> > Heck, in less than a year I worked all 40 states QRP with
> ^^^^ !?!?
> Must have been a long time ago, hi. Sorry Joe I thought you were a lot
> younger than that :) Guess that make you a real OT... or OF...

Errr... Uhhhh... I was using a different number base...
Yeah... that's it. Can you tell that a week straight
of chronic insomnia is wearing me down? :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [14288] Re: Hamstick
Message-ID: <Pine.A41.3.95b.970310125219.53188A-100000@homer27.u.washington.edu>

Knew it was bound to happen sooner or later...well at least by summer anyway :) Joseph, you've been out in the sun tooooooo long! You need to get indoors quick and fix yourself a tall glass of iced tea. Take a few salt tablets, relax. Stop watching those Mariners playing baseball there in Peoria, AZ. Time now to become a Twilight-Zonie, hi hi. That's when you stay indoors during the heat of the day, and don't come outdoors until twilight. A well contrived game plan by the Lone Stars and those California Raisins! (Yep, they're always raisin' an antenna somewhere :))

>From the Great Northwet....
Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

On Mon, 10 Mar 1997, Joe Gervais wrote: <snipped to the essence>
>
> Heck, in less than a year I worked all 40 states QRP with
> this setup (using 20/30/40m Hamsticks). YMMV (your mileage
>
> Cheers de AB7TT,
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: tahrens1@juno.com
Subject: [14214] Re: Helically wound SLV? (a tad long)
Message-ID: <19970309.230350.4887.2.tahrens1@juno.com>

Well, didn't measure the extended length of the #28 gauge wire, but when the 13' was wound with between 1/8 and 1/4" spacing, it resonated about 4.6 mHz. Boy, that was a lot of wire!

Tim W5FN

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14272] Re: I use to be a QRPer BUT..

Message-ID: <199703101937.MAA05713@usr02.primenet.com>

Max (call??) wrote:

>

> For years I considered myself to be a QRPer; that is, one
> who operates on the amateur bands, using no more than 5 watts
> CW, or 10 watts SSB.

Stop right there. That's all there is to it. :-) Some of us build, some buy commercial, some both. Some of us have giant gnarly stacked yagis that'd fry a flock of migrating birds and some are using random wire in their attic.

But we're all QRP. There's the glue. Maybe we have a few sub-species, but we're all QRP. My QSL has a mode section where I put 2xQRP, not QRP/HB/Small Antenna x QRP/YaComWood/Rhombic.

Mode-independent, gear-independent. Just the same desire - get the most out of the sig you have.

Ooops... I've exceeded my self-imposed limit of 3 QRP-L posts/day. Sorry folks. I'll crawl back into my cubical now. Lunch is over. :-)

QRP Forever!!!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: ak119@lafn.org (Rothan Maxwell)

Subject: [14257] Re: I use to be a QRPer BUT...

Message-ID: <199703101811.AA27456@lafn.org>

For years I considered myself to be a QRPer; that is, one who operates on the amateur bands, using no more than 5 watts CW, or 10 watts SSB. However; it now appears that what constitutes one being considered a QRPer has - in my opinion -

changed. And Although I still operate within the long established power limitations; and still believe in and adhere to the motto that "power is no substitute for skill", It has become clear to me that my beliefs and operating practices are no longer sufficient to support my previous claim of being a QRPer.

Based upon the Contemporary Philosophy of QRP; I am convinced that where once the motto "power is no substitute for skill" was appropriate to describe the philosophy of QRP, it is today inadequate. Based on the trends of the contemporary QRPer, I think the motto "doing more with less" is probably more appropriate. After all, the contemporary QRPer is one who is not only concerned with developing and maintaining superb operating skills, and limiting his output power; he is also concerned with ensuring that his equipment is of the smallest possible size, lightest weight, lowest power consumption, and lowest cost. A causal inspection of my equipment, would reveal that it does not meet any of the above design requirements. My equipment is not lightweight, it is not - by the standards of todays QRP rigs - small, it is not power efficient, and it was not inexpensively priced. I also believe that to truly be a QRPer, one must also be a Kit Builder, and/or Homebrewer. (Perhaps this was always the case, and somehow I simply missed these requirements in the past!) Therefore, I am of the opinion that a contemporary QRPer would have a station that is primarily comprised of kit or homebrew equipment. And Again, a casual inspection of my station would indicate that it is comprised of primarily commercial equipment.

So where does all of this discussion leave me, and those like me? Well, I believe that a distinction should be made between those who adhere to the old standard of "power is no substitute for skill", and those who adhere to what appears to be the newer standard of "doing more with less." For those like myself, who adhere to the old standard, it is my opinion that we should no longer consider ourselves to be QRPers. Instead, I think it would be more appropriate if we considered ourselves to be Low Power operators. This is not to say that we Low Power operators are inferior or superior to QRPers. On the contrary; Low Power Operators and QRPers share a great deal of common experience, and operating philosophy, so both groups benefit when they seek to appreciate the similarities and differences of the other.

As a Low Power Operator, I recognize and appreciate those things that make QRPers an elite group within the Amateur

Radio Community, and I believe that what I have previously stated in this post supports my statement. However, I also feel that it is fair to commend some of the qualities and practices of the Low Power Operator. For example; the Low Power Operator adheres to the same power limitations that the QRPer adheres to, so the Low Power Operator is subject to the same natural and man made operating obstacles. One might even make the claim that it takes a tad more discipline to operate at these power levels as a Low Power Operator; in that the Low Power Operator often times uses commercially manufactured equipment, which may be easily and quickly increased above the 5/10 watt power level. Furthermore, since the Low Power Operator usually uses commercially made equipment; which often times incorporates modern, if not state of the art technology, the Low Power Operator is likely to demonstrate that Low/QRP power levels can be used to communicate via more advanced transmission modes; like Pactor, or through one of the LEO SATS like RS12/13, or APRS on 30 meters, or even 10 meter FM.

In conclusion, I would like to say that it was not my intention to create factions or fights here on the list. We Low Power and QRP types have much in common, and I think we can benefit from and appreciate each other more by recognizing and understanding our differences.

73's max

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [14267] Re: I use to be a QRPer BUT...
Message-ID: <33245FE1.60A4@rakefet.com>

Rothan Maxwell wrote:

>
> For years I considered myself to be a QRPer; that is, one
> who operates on the amateur bands, using no more than 5 watts
> CW, or 10 watts SSB. However; it now appears that what
> constitutes one being considered a QRPer has - in my opinion -
> changed.

<big SNIP>

Max,

Well, I have a portable rig that meets the definition of 'modern QRPing' which I take into the field from time to time. I also have a commercial rig which I operate at QRP power levels with better antennas from home. And I sometimes turn my home station up to 100 watts (but not during fox hunts!) I don't feel schizophrenic (at least, not as a result of ham radio).

I do think that the concept of QRP as 'make contacts with low power, poor antennas, lousy selectivity, no RIT (etc.)' is not conducive to long-term enjoyment of the hobby, though! My philosophy is: use low power, but make the receiver and antennas the best that you can build or afford.

To each, of course, to his own.

Vic K2VCO

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Heron, George" <G.Heron@dialogic.com>
Subject: [14274] RE: I use to be a QRPer BUT...
Message-ID:
<c=US%a=_%p=Dialogic%l=EXCHANGE1NJ-970310200327Z-9426@exchange1nj.dialogic.com>

I'm not sure I can support the contention that today's QRPer "qualifications" now extend to necessarily having equipment that is the lightest, smallest, most portable (in addition to being "low power operation and good operating skills in using it".)

I had the great experience yesterday of operating W1AW with 5 watts output ... using some ICOM 781 super duper hooter with processing galore (not really sure what multi-\$K rig it was, but it was certainly out of my class), an antenna like I've never had and enough bells & whistles to pull out the faintest of signal.

I *still* call that QRP work and had to use the same basic skills I use at home with ... well, with my station equipment. The skills, the approach, the philosophy and the mentality all stay the same, but sometimes the "tools available" vary. My circa 1960's tube rig (operated without the finals), my small 38 Special, and my long wire snaking out amongst the trees just happen to be my normal tools.

--George N2APB

PS: Thanks to NE-QRP for hosting their club meeting yesterday at ARRL HQ, and to ARRL Staff for taking their Sunday to open the doors, turn on the rigs and help us fix our "tools" in their labs. Great time and a

most memorable event!

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: TMOLL@aol.com
Subject: [14275] Re: I use to be a QRPer BUT...
Message-ID: <970310150258_-1606630478@emout12.mail.aol.com>

In a recent post, Rothan Maxwell concluded a thoughtful message with:

<< In conclusion, I would like to say that it was not my intention to create factions or fights here on the list. We Low Power and QRP types have much in common, and I think we can benefit from and appreciate each other more by recognizing and understanding our differences.

>>

What I don't understand is how and why the amateur community has become so filled with groups that have an apparently singular narrow focus on one part of this hobby, and a corresponding intolerance for those who enjoy some other part of this hobby. To me, one of the beauties of it is its tremendous variety. Explore one aspect, move on to another, keep learning new things and maintain an interest in the broad spectrum that makes up ham radio. I remember 30 years ago there were "factions" in the hobby, but seems to have gotten so much worse, or maybe the Internet just lets us communicate so much better, that we are aware of it more. Whatever, I wish such an intelligent group had a bit more maturity in its attitudes to people with other (but related) interests. Someone else here recently said "Lighten Up". Can I hear an AMEN -this is a hobby! Leave the fanatical passions for other things.
Tom, NoBS

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>
Subject: [14281] Re: I use to be a QRPer BUT...
Message-ID: <3.0.32.19970310205606.006b3f8c@mailhost.primenet.com>

A very nice, thought-provoking piece...

At 10:11 AM 3/10/97 -0800, you wrote:

>For years I considered myself to be a QRPer; that is, one
>who operates on the amateur bands, using no more than 5 watts
>CW, or 10 watts SSB. However; it now appears that what
>constitutes one being considered a QRPer has - in my opinion -

>changed. And Although I still operate within the long
>established power limitations; and still believe in and adhere
>to the motto that "power is no substitute for skill", It has
>become clear to me that my beliefs and operating practices are
>no longer sufficient to support my previous claim of being a
>QRPer.

I would like to think that I'm a "QRPer" albeit a *NEW* one, but
then again I'm a *LOT* of things, not the least of which an individual.

>Based upon the Contemporary Philosophy of QRP; I am convinced
>that where once the motto "power is no substitute for skill"
>was appropriate to describe the philosophy of QRP, it is today
>inadequate. Based on the trends of the contemporary QRPer, I
>think the motto "doing more with less" is probably more
>appropriate. After all, the contemporary QRPer is one who is
>not only concerned with developing and maintaining superb
>operating skills, and limiting his output power; he is also
>concerned with ensuring that his equipment is of the smallest
>possible size, lightest weight, lowest power consumption, and
>lowest cost. A causal inspection of my equipment, would reveal
>that it does not meet any of the above design requirements. My
>equipment is not lightweight, it is not - by the standards of
>today's QRP rigs - small, it is not power efficient, and it was
>not inexpensively priced. I also believe that to truly be a
>QRPer, one must also be a Kit Builder, and/or Homebrewer.
>(Perhaps this was always the case, and somehow I simply missed
>these requirements in the past!) Therefore, I am of the opinion
>that a contemporary QRPer would have a station that is primarily
>comprised of kit or homebrew equipment. And Again, a casual
>inspection of my station would indicate that it is comprised of
>primarily commercial equipment.

Yes, and I've been confused by those who buy a new, commercial rig
(perhaps called by the manufacturer QRP) which has high current demands
if not relatively large size and weight?

Does building a kit count? Scratch only? Who exactly is keeping score?

>So where does all of this discussion leave me, and those
>like me? Well, I believe that a distinction should be made
>between those who adhere to the old standard of "power is
>no substitute for skill", and those who adhere to what
>appears to be the newer standard of "doing more with less."
>For those like myself, who adhere to the old standard, it is
>my opinion that we should no longer consider ourselves to
>be QRPers. Instead, I think it would be more appropriate if
>we considered ourselves to be Low Power operators. This is

>not to say that we Low Power operators are inferior or
>superior to QRPers. On the contrary; Low Power Operators
>and QRPers share a great deal of common experience, and
>operating philosophy, so both groups benefit when they
>seek to appreciate the similarities and differences of the
>other.

These distinctions are somewhat artificial to me and here's why:

- 1) every ham is an individual and hopefully brings his own approach
(individuality and personal creativity)
- 2) amateur radio is a *LARGE* and *DIVERSE* hobby, there is room for
everyone to participate in their own way
- 3) to me, "QRP" seems like another specialty within the hobby (and fun!)
- 4) labels based on stereotypes (in general) are wrong

>As a Low Power Operator, I recognize and appreciate those
>things that make QRPers an elite group within the Amateur
>Radio Community, and I believe that what I have previously
>stated in this post supports my statement. However, I also
>feel that it is fair to commend some of the qualities and
>practices of the Low Power Operator. For example; the Low
>Power Operator adheres to the same power limitations that the
>QRPPer adheres to, so the Low Power Operator is subject
>to the same natural and man made operating obstacles. One
>might even make the claim that it takes a tad more
>discipline to operate at these power levels as a Low Power
>Operator; in that the Low Power Operator often times uses
>commercially manufactured equipment, which may be easily and
>quickly increased above the 5/10 watt power level. Furthermore,
>since the Low Power Operator usually uses commercially
>made equipment; which often times incorporates modern, if
>not state of the art technology, the Low Power Operator is
>likely to demonstrate that Low/QRP power levels can be used
>to communicate via more advanced transmission modes; like
>Pactor, or through one of the LEO SATS like RS12/13, or APRS
>on 30 meters, or even 10 meter FM.

This all seems a bit dichotomous to me... Every individual is
comprised of a collection of interests and traits. For example,
one can be a fly-tier and QRPPer with no conflict. One is not
QRPing when fishing (maybe), but there is no conflict.

Similarly, one can be a VHF EMEer (etc) and QRPPer albeit not at
the same time. It *IS* possible to have more than one interest

in life (or amateur radio).

Some people operate microwave frequencies only, others visit on occasions, but enjoy 160m as well. Same is likely true for QRPers! Some operate homebrew "QRP" rigs at times and the latest DSP marvels at others. At those times when running QRP on the homebrew rig, the "QRP Hat" is on. Other times one may have the "Digital Hat" or "Satellite Hat" or "Contest Hat" or "DX Hat." Combinations are *interesting* too, i.e. sometimes one can wear more than one hat at a time (and possibly synthesize *new* ideas).

A *PERSON* is no more a "Low Power Operator" than "Toilet Flusher." Nearly everyone must flush at one time or another, but that does not limit them to that one pursuit and I at least would hate to be "labelled" by one activity. Everyone is different!

All I know is that when I solder together a \$25 kit and then get on the air with it and talk to someone far away, it seems like QRP to me and could care less about someone else's pre-conceived notions or stereotypes.

>In conclusion, I would like to say that it was not my intention
>to create factions or fights here on the list. We Low Power and
>QRP types have much in common, and I think we can benefit from
>and appreciate each other more by recognizing and understanding
>our differences.

Personally, I am at times amazed at how little "cross-fertilization" exists WITHIN amateur radio. Each group (at times) seems to be a closed society or clique. I believe there is *SOMETHING* that can be learned from *EVERYONE*.

Others have pointed out in past that "VHF Guys" make good "HF Operators" since they are accustomed to pulling weak ones out and are attentive to propagation enhancement. Similarly, others have said that "HF Guys" make good "VHF Operators" as they are accustomed to working stations at high rate. What can *EVERYONE* learn from the QRP discipline?

As a QRP newbie, I was myself wondering today while operating the 38s what "Operating Techniques" make the QRP operator stand out? I was working W6XF and having a nice QSO explaining my new 4w HB \$25 rig. He was so impressed with my signal that he turned his Onmi down to 4w, too! Was he a QRP/er/Low Power Operator AT THAT TIME? I think so! Preaching dogma may "turn off" this sort of natural curiosity, though.

I have just been operating my 38s as though it were a QRO rig (which is itself a technique), but would be curious what the more experienced practitioners of the art can offer a neophyte in the way of "technique"? I have found many resources on WWW relating to QRP rigs, kits, accessories,

etc, but where can one *learn* about "operating techniques"?
(Or am I just a doomed "Toilet Flusher"?)

End of Soap Opera

*** Hi, my name is Brian and I'm a powerholic... ***

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Jeff Grudin <grudin@pacific.vdbs.com>

Subject: [14283] Re: I use to be a QRPer BUT...

Message-ID: <332472B8.57B7@pacific.vdbs.com>

Max,

Well I think what you say may be true for some I think it is just a trend
and not necessarily the whole of QRP.

When I bought my first kit, I bought it unbuilt from a older gentleman.
I believe he was in his 80's. He told me he was selling it because he
didn't like those transistor thingy's. His station was all tube equipment
that he had built over the years. His feed lines were open wire that
looked like he made them too. He had a 20M quad as his only antenna.

It was quite historical, and all QRP. The map on the wall had pins in
about every country I could see. All of his rigs were QRP. None was as
small as any commercial rig I own.

While this station wouldn't meet your description of where you think QRP
is going, I considered it QRP extraodinaire. Just like there are many
facets in ham radio, I believe there are many in QRP. Building is fun
and many of us on the list get our kicks from building and experimenting,
many use commercial rigs. Their QSO's and stories count just as much as
those on home brew rigs running on steak sauce power. The same level of
operating skill is required.

--

73 de Jeff AC6KW

grudin@vdbs.com

QRP-L #16

Exotics

Norcal QRP #1292

Cruz

Private Practice : Companion Animals and

Ocean Animal Clinic / Cat Clinic of Santa

Santa Cruz,

California

QRP'ers do it with less energy (but lot's of enthusiasm)!

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [14289] Re: I use to be a QRPer BUT...
Message-ID: <19970310.153040.10791.6.tahrens1@juno.com>

ya know, this might be the starting of
another interesting thread...

You know you are a QRPer if...

please, no red neck jokes tho!

Tim W5FN

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: n4js@amsat.org
Subject: [14296] Re: I use to be a QRPer BUT...
Message-ID: <XFMail.970310172215.n4js@amsat.org>

On 10-Mar-97 Tim H. Ahrens expounded:
>ya know, this might be the starting of
>another interesting thread...
>
>You know you are a QRPer if...

1. You have more rigs than there are bands.
2. You have unbuilt kits more than 10 years old.
3. Every carpet in your house is full of 1" wire trimmings
4. You have permanently red ears from wearingf earphones.

take it away....

Sent at 17:22:15 on 10-Mar-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.pobox.com/~n4js>

I_|_| I_| _/_/ |___/ NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal QCWA FISTS #2781

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [14297] Re: I use to be a QRPer BUT...
Message-ID: <199703102245.PAA27120@dancris.com>

At 05:20 PM 3/10/97 -0500, you wrote:

>>You know you are a QRPer if...

Your wife won't walk around barefoot because of the wire clippings in the carpet.

73,

Bob KI7MN Chandler, AZ Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>
Subject: [14298] Re: I use to be a QRPer BUT...
Message-ID: <3.0.32.19970310230123.006c6e08@mailhost.primenet.com>

>You know you are a QRPer if...

You sign your email with your name followed by a number...

Brian ke7gh@primenet.com >or< <http://www.primenet.com/~ke7gh>

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com> (by way of "Brian K. Short KE7GH" <ke7gh@primenet.com>)
Subject: [14299] Re: I use to be a QRPer BUT...
Message-ID: <3.0.32.19970310231003.006c49c8@mailhost.primenet.com>

>You know you are a QRPer if...

Woops, let me try again,

You sign your email with your name followed by a number...

Brian #2 ke7gh@qsl.net QRP-L #1031 NC38s APRS 30m QRP Test #1

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [14302] Re: I use to be a QRPer BUT...
Message-ID: <3.0.16.19970310154125.337785ec@mail.lightside.com>

Well, I'm working hard on #1. #2 Uh...is going to be a problem saving them that long. #3 House has hardwood floors. But does a speckled glittering floor count? #4 well one out of for ain't bad.

>>You know you are a QRPer if...

>

>

- >1. You have more rigs than there are bands.
- >2. You have unbuilt kits more than 10 years old.
- >3. Every carpet in your house is full of 1" wire trimmings
- >4. You have permanently red ears from wearingf earphones.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Phillip S. Rutledge" <rut@mcrut.mv.com>
Subject: [14284] Re: I used to be a qrper....
Message-ID: <199703102102.QAA16357@bort.mv.net>

At 03:39 PM 3/10/97 -0500, you wrote:

>Gang,

>

>Oh, I know I will get it for this one, but it's, "I used to" ; not, "I use
>to." It is bad enough when bad grammar gets posted once, but when it is in
>a subject line, everyone is forced to read it over and over!

>

> I agree that the QRPer who claims to be in a different catagory because he

While we're at it Preston, that's spelled "category". :-)

73-- Phil (K1HS)

=====

Phil Rutledge--K1HS-- rut@mcrut.mv.com

ARCI#9265=Norcal#1797=N.E. QRP Club#489= QRP-L#820= CQC# 385

=====

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Brian K. Short KE7GH" <ke7gh@primenet.com>
Subject: [14285] Re: Icom Ic706 mods
Message-ID: <3.0.32.19970310211213.006c11e8@mailhost.primenet.com>

At 08:53 PM 3/10/97 +0000, you wrote:
>To All Who Might Be Interested In IC706 Mods,
> 1. call up www.qsl.net
> 2. click on "index of homepages"
> 3. click on KE7GH
> 4. enjoy - very interesting.

My ego may explode, now!

>I was unable to bring up www.qsl.net/ke7gh/qrp.html

Because it is: www.qsl.net/ke7gh/qrp.htm (no 'l'), or
[index34.htm](http://www.qsl.net/ke7gh/index34.htm) or follow the link from the main page...

> 73,
> Steve N7VS

This must be that time Andy Warhol was talking about?

Brian #2 ke7gh@qsl.net QRP-L #1031 NC38s APRS 30m QRP Test #1

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jim Bennett <jbennett@ebmud.com>
Subject: [14261] Re: N38S-building
Message-ID: <33245336.DAE@ebmud.com>

Jeff / Ac4HF wrote:

> I would greatly appreciate suggestions before I proceed from those
> of you who have this rig built successfully.

Jeff - my suggestion is to build the rig without the RIT mod. Get it on the air and make some QSOs with it. Get familiar with how it works for you. That (*&&^% RIT mod caused me a LOT of grief, and many cuss words; hope my cockatiel didn't memorize any of them!!!

RIT is nice, but for me it was not worth the effort. I guess I'm not a perfectionist - I wanted to get the rig on the air and make contacts, not spend my life ditzing around with a hosed circuit. In my case, the RIT mod caused my transmitted frequency to be anywhere from 500 Hz up to 2.8KHz away from the received frequency, depending on where in the band the rig was tuned to. Mike / K1MG thinks perhaps it was because of the long wire run I had to make from the RIT part of the board to the RIT controls on the front panel. No easy way to resolve it, so I just bagged the RIT mod and put the rig on the air. I have the TiCK and the 5W (actually I get about 3.5W) mods installed, and it is fun to use. The only thing I want to fiddle with now is a better tuning control. I, like many others, have a POT that the first 25% of does not tune anything - just mechanics for an on/off switch. My problem is that its more fun to operate the rig than rip it apart and mess with something that is already working!! :-)

73, Jim.

Jim Bennett / W6JHB (jbennett@ebmud.com)
Supervising Systems Programmer
East Bay Municipal Utility District
Oakland, CA 94607
voice: 510.287.0224 / fax: 510.287.0373

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [14201] Re: NEQRP; GM-30... IT LIVES!
Message-ID: <19970310025259.AAA3620@LOCALNAME>

>
>At , you wrote:
>>At 05:50 PM 1/5/04 -0000, you wrote:
>>>just curious OM
>>>I am building a GM-15

>>>What was the problem on ur gm-30?

[illegible] $\succ$ $\succ$

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Glenn Swanson <gswanson@arrl.org>
Subject: [14244] Re: NEQRP; GM-30... IT LIVES\
Message-ID: <33242DC5.554E@arrl.org>

Any way to meet later on Sundays?
You know, church and all in the AM...

Would have brought my SW-40, housed in a black-plastic modem box (roughly 7" wide by 1.25" tall, by 4" deep) if the meeting did not conflict with church on Sunday morning...

73, Glenn, KB1GW

SEAB&SHARON LYON wrote:

 $\succ$

```
> 1.) It was great to meet and put faces on the calls today in Newington.
> Lots of great show & tell, and Zack Lau showed us a great place for
> lunch break, too. Thanks to ARRL & our host (his call escapes me)
> for facilitating the meeting and afternoon operating sessions.
```

 $\succ$

```
> 2.) My new GM-30 lives... after the Doctor Dave corrected a late-nite
> switcheroo I'd blinded myself to for a week. Rushed home, hooked up the
> half-square and proceeded to log my first solid contact... S57AT, Max,
> in Slovenia! He gave me a 599, -but I have to make allowances for his
> suprise at my 2 watts knocking at his front end.
```

>
> So, all-in-all, I've had a great day and it's not over yet: next is dinner
> at a great TAI restaraunt with more good friends, then a late nite peek
> at 30M with the GM-30. Next project is a WM-20... STAND BACK!! Thanks again
> Dave Benson. 72 all, =S=
>
> "Seab" Lyon - AA1MY
> Bethel, CT; FN-31-HJ
> ARCI#9253; QRP-L #574
> NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [14294] Re: OHR group buy arriveth! Preliminary opinions.
Message-ID: <3.0.16.19970310140554.34cfaf5c@mail.lightside.com>

Junping in on every group buy is a wonderful way to go broke. The first week I was on QRP-L I got on an a 49er, an OHR-400, then a WM-2, then a SCAF Filter, then the DD-1. I thought that was enough, I'll just get a long term project like the KK7B rig from Kanga US. Then I went to KF50's page,...It ain't criminal to own HUNDREDS of QRP rigs!

One GM10 coming up.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [14206] Re: Proposed licensing changes
Message-ID: <19970310.024822.7575.2.k5zty@juno.com>

Doug,

Re: your comment about CW as hazing. There is a difficult part to accomplishing anything of value. learning morse code is a requirement for obtaining a ham license. If you want to be an engineer, you learn calculus, if you want a higher degree from a college you write a thesis. All hard stuff, but you do it. Those who don't don't get the degree. All don't do it with the same degree of ease or difficulty, but all who work

at it will eventually accomplish it. If you remove all of the difficult parts from the requirements, the license becomes worthless. It isn't yet worthless, but it's getting pretty cheap with the VE system of testing.

72,
Bill, K5ZTY

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: [14217] Re: Proposed licensing changes
Message-ID: <19970310054426.AAD25553@LOCALNAME>

At 03:51 AM 3/10/97 +0000, you wrote:

>Doug,

>

>Re: your comment about CW as hazing. There is a difficult part to
>accomplishing anything of value. learning morse code is a requirement
>for obtaining a ham license. If you want to be an engineer, you learn
>calculus, if you want a higher degree from a college you write a thesis.
> All hard stuff, but you do it. Those who don't don't get the degree. All
>don't do it with the same degree of ease or difficulty, but all who work
>at it will eventually accomplish it. If you remove all of the difficult
>parts from the requirements, the license becomes worthless. It isn't yet
>worthless, but it's getting pretty cheap with the VE system of testing.

>

>72,

>Bill, K5ZTY

>

>WITHOUT CW, IT'S JUST CB

>ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440

>QRP-L 473

>

>

> AMEN! I couldn't agree more! I sometimes do better engineering
than some EE's I know, BUT I don't have a degree! So goes it! I did get my
"Ham" degree: the Extra Class. I had a real bitch of a time with the code!
Now I actually like it after 46 years!

I found the theory EASY, but I'm sure the "degreed" Extras wouldn't agree I
should have the same priviledges because I had a bitch of a time with the
code! How many engineers ACTUALLY use the calculus all the time? Not many!
My opinion is if you can't stand the heat of CW you ain't got any business

in our kitchen!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Norm.Lee@flinders.edu.au (Norman J. Lee)

Subject: [14195] Re: QRP-L digest 659

Message-ID: <v01540b02af4944427ecb@[129.96.234.104]>

Hi friends,

Americans have the reputation of being a kind and a generous people, and one way you can quantify that is through personal experience. Since my last posting here, seeking equivalents for the IRF 510 or 511, I have been overwhelmed by the kindness of so many people stateside offering to send me the part. I really would like to publically thank you all, especially to Steve Miller (thanks Steve, I'll look forward to receiving them), to Gary Widmayer, William Hibbert and Ron Evans and others who have so generously offered. My breath has been taken away.....What can I say except many, many thanks.

I have the little rig (38S) percolating nicely, giving out about 300mW, nice side tone, the rig hisses nicely, signal on a nearby receiver sounds ok and it moves up the band when I turn the tuner. BUT, I have no receive signal from 30 meters. I've checked the diodes etc, so could this be the toroids need checking (I may have left some enamel on the wire??). Anyone any ideas?

Thank you for the bandwidth

Norm

VK5GI

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Raventhorne <jelder@ix.netcom.com>

Subject: [14220] Re: Signal Reprts Accuracy & HAARP-serious inquiry
Message-ID: <2.2.16.19970309195937.4d5f051e@popd.ix.netcom.com>

At 02:23 AM 3/9/1997 -0800, WA8GHZ /5 Jack Dougherty wrote:

>I do not, and after this test, am thankful that I am not designing a
>transmisson sytem to globally communicate with subs, planes, etc.....I
>think it's an impossible dream, especially after witnessing such local
>results of the latest "Big Fox Hunt".....

The global communication is not done at HF, it's done at VLF. Two different
HF carriers, spaced a VLF frequency apart will will be mixed in the D region
to generate VLF waves which are expected to propogate globally.

.73,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997

From: Dave.Ackrill@westwood45.powergen.co.uk

Subject: [14225] RE: Signal Reprts Accuracy & HAARP-serious inquiry

Message-ID: <970310085513Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/

ADMD=CWMAIL/C=GB@MHS>

One of the problems you have with your signal report comparisons Jack,
is that each set up sounds significantly different.

I would guess that the DXer has optimised his signals for low angle
radiation, that the Experienced QRP operator has concentrated his
efforts on getting his antennas to work very well on a narrow range of
frequencies, and that you may, in comparison, have the widest
frequency and highest angle of radiation. Although you say that you
have a director, so maybe the main lobe of your antenna was just right
to receive the signals. In fact, it maybe that you have proved that
your antenna system is ideally suited to the HAARP frequencies and
angles of transmission, not the Amateur Bands HI....

To properly carry out the sort of signal strength tests that you were
attempting to describe then you would need as near identical antennas,
at the same height above ground, at each location and they would need
to be orientated in the same direction. Even then ground conductivity

and local obstructions might make a difference to the relative strengths of the signal.

If I were you, I wouldn't trust the S-Meters of most commercial gear. In my experience even two models from the same manufacturer can have different calibrations, let alone between two different manufacturers. Even if they are the same often the calibration isn't constant across the scale, and at one end might be 6dB per S point, but not at the other!

These are just thoughts, but hope that they help you in trying to figure out what was going on. Just proves that sometimes being in the right place, with the right gear at the right time will bring in signals ahead of the best of the rest. What was that tag line I saw on someone else's postings taken from Henry Ford? "Think you can. Think you can't. Either way you are right".

Cheers de Dave (G0DJJA)

"How far that little candle throws its beams!" Merchant of Venice Act 5. Except that the HAARP system isn't such a "little candle" HI

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Jim Hydzik <congress@magpage.com>
Subject: [14240] Re: Ten-Tec 1330
Message-ID: <199703101415.JAA08060@alaska.magpage.com>

Hi Randy,

At 08:58 PM 3/8/97 -0600, you wrote:
>Anyone have any experience and/or can point me to a review of the Ten-Tec
>1330 30M transceiver kit?
>Sounds like a good price if this thing is any good.

Quick comment. My neighbor on the hill, K3AS, just finished his 1330 and it sounds great and no perceptable drift. Nice 'soft' keying that is a pleasure to listen to for long stretches. Hope you enjoy yours. They all have the nice new pc boards.

Bill, who lives in Delaware, worked his first station with another guy in Delaware.....it's gotta be a good omen :)

GL, 72 Jim K3QIO Wilmington, DE

>
>Charles R. (Randy) Ott - K5HJ - QRP-L #1040
>Duncanville, TX
>k5hj@juno.com

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Glenn Swanson <gswanson@arrl.org>
Subject: [14243] Re: TiCK Question
Message-ID: <33242D09.630F@arrl.org>

Vic,

The instructions with my Tick-1 (kit) say NOT to supply both voltages, it's an either/or thing, far as I can tell.

BTW, I've sucessfully interfaced the Tick-1 kit to my SW-40 and it works FB. Used the same resistor/capacitor combination as spelled out for the NorCal-40(A) in the Tick-1 instructions. Love the push-button speed control that's adjusted via the paddles (dit = slower, dah = faster).

73, Glenn, KB1GW

Vic Rosenthal wrote:

>
> I wired my TiCK keyer to use the 78L05 regulator. Now I want to set it
> up to run from a 3v battery. Can I just connect the battery to the
> low-voltage input point, or do I need to remove the 78L05?
>
> Vic K2VCO

From owner-qrp-1@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "Dean T. Miller" <dtmiller@dsmanet.com>
Subject: [14269] Re: Took the plunge
Message-ID: <9703101929.AA08356@dsmanet.com>

> From: "Marshall Emm" <mgemm@mtechnologies.com>

> Well, I bit the bullet, took the plunge, and employed a whole bunch
> of other trite metaphors. I've dropped the Digest and gone "live"
> with QRP-L. What finally made it possible was the Pegasus mailer.
>
> Sure puts a different complexion on things!

Sure does. I've had the program for 3 days now. I sure love the way
it sorts messages into folders.

And best of all, it's a free program.<g>

-- Dean -- from Des Moines (KB0ZDF)

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [14185] Re: Wet Weather work?
Message-ID: <Pine.A41.3.95b.970309154808.28484A-100000@homer22.u.washington.edu>

Check around the SCUBA diving shops. That's where I bought my
water proof diving log. It's a small booklet that is actually
put together using waterproof paper. A pencil works fine business
on the paper. Look and feel is like regular paper. The top line
or two of each page is set up for recording one's dive profile.
The rest of the page is lined for making personal notes.

Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

From owner-qrp-l@Lehigh.EDU Mon Mar 10 18:04:36 1997
From: Joe Gervais <vole@primenet.com>
Subject: [14262] Re: ZL Update: our wacky hobby(longish)
Message-ID: <199703101844.LAA01959@usr02.primenet.com>

Tim (N1PAZ) wrote:

> 6. DIPOLE REGRETS. I regret now keeping my dipole as long as I did. I
> wonder if we do a disservice to new hams by emphasizing the dipole. I
> mean, ham radio is a hobby, and is supposed to be fun/exciting. A dipole
> will certainly get you on the air, but it lacks character. All I'm

> suggesting is that just as we ask "what will you be using the rig for"
> before getting a rig, perhaps we should think more in term of "use" and
> "getting the most antenna out of your QTH for that use" with beginners.

Well I wouldn't deride the ol' dipole quite that hard.
I agree with asking "who do you want to talk to" when
choosing/installing an antenna. A dipole follows the
3 Cardinal Rules of selling real estate: Location,
location, location. :-)

Our FYBO dipole in the mountains put out a nice signal
to both coasts, and if we'd had the energy after FYBO
to chase a little DX with it, I have no doubt we could've
bagged some. Next year (and every other field event)
I'll be using dipoles, high in the trees over good
terrain, and work the far reaches of the U.S. and Canada.
Farther if it's a DX contest.

So the question falls back to: Can you raise and orient
your dipole adequately for your needs, given your yard/
support/terrain constraints?

And whether you're in the field or setting up your first
home station antenna, the elegant simplicity of a dipole
is just plain hard to beat. Assuming it answers the
question above. Wow, with a pitch like that you'd think I
get a kickback for every dipole built. ;-)

See you on the air!

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

2-Way QRP WAS: 46 (Need: HI, ND, RI, WV)

"QRP, Unix, MST3K and Babylon 5: The Four Pillars of Nerdvana" - Me